Removal would require state or federal law change? If Fed, crosswalk?

State or Fed Law?

If Fed, crosswalk?

Federally delegated program?

Removal would require state or federal law change?

Requirement on the agency or director?

### Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121

**3745-14-01 (B)(1)**: Except as otherwise provided in this rule, the definitions in rule 3745-15.01 of the Administrative Code shall apply to this chapter. 3704.03(E) Federal

**3745-14-01 (B)(2)(ii)**: Except as provided in paragraph (C)(2) of this rule, for a unit that is a NOx budget unit under paragraph (C)(1) of this rule on the date the unit commences commercial operation, such date shall remain the unit’s date of commencement of commercial operation even if the unit is subsequently modified, reconstructed, or repowered. 3704.03(E) Federal

**3745-14-01 (B)(2)(iii)**: Except as provided in paragraph (C)(2) of this rule, for a unit that is not a NOx budget unit under paragraph (C)(1) of this rule on the date the unit commences commercial operation, the date the unit becomes a NOx budget unit under paragraph (C)(1) of this rule shall be the unit’s date of commencement of commercial operation. 3704.03(E) Federal

**3745-14-01 (B)(2)(iv)**: Except as provided in paragraph (C)(2) of this rule, for a unit that is not a NOx budget unit under paragraph (C)(1) of this rule on the date of commencement of operation, such date shall remain the unit’s date of commencement of operation even if the unit is subsequently modified, reconstructed, or repowered. 3704.03(E) Federal

**3745-14-01 (B)(2)(v)**: Except as provided in paragraph (C)(2) of this rule, for a unit that is a NOx budget unit under paragraph (C)(1) of this rule on the date of commencement of operation, the date the unit becomes a NOx budget unit under paragraph (C)(1) of this rule shall be the unit’s date of commencement of operation. 3704.03(E) Federal

**3745-14-01 (B)(2)(vi)**: For Title V sources, the designated representative shall be the responsible official under paragraph (I) of rule 3745-77.01 of the Administrative Code. 3704.03(E) Federal

**3745-14-01 (B)(2)(vii)**: For non-Title V sources, the designated representative shall be the signatory authority under paragraph (B) of rule 3745-31.04 of the Administrative Code. 3704.03(E) Federal

**3745-14-01 (B)(2)(viii)**: The combustion of fossil fuel, alone or in combination with any other fuel, where fossil fuel is projected to comprise more than fifty per cent of the annual heat input, on a Btu basis, during any year, provided that the unit shall be "fossil fueled" as of the date, during such year, on which the unit begins combusting fossil fuel. 3704.03(E) Federal

**3745-14-01 (B)(2)(ix)**: If the unit intends to use Appendix D of 40 CFR Part 75 to report heat input, this value shall be calculated, in accordance with 40 CFR Part 75, using the maximum fuel flow rate and the maximum gross calorific value. 3704.03(E) Federal

**3745-14-01 (B)(2)(x)**: Any purchaser of power from a NOx budget unit under a life-of-the-unit, firm power contractual arrangement (however, unless expressly provided for in a leasehold agreement, owner shall not include a passive lessor, or a person who has an equitable interest through such lessor, whose rental payments are not based, either directly or indirectly, upon the revenues or income from the NOx budget unit). 3704.03(E) Federal

**3745-14-01 (B)(2)(xi)**: For purposes of Section 502(c) of the Clean Air Act, a source, including a source with multiple units, shall be considered a single facility. 3704.03(E) Federal

**3745-14-01 (B)(2)(xii)**: Compliance with any submission, service, or mailing deadline shall be determined by the date of dispatch, transmission, or mailing and not the date of receipt. 3704.03(E) Federal

**3745-14-01 (B)(2)(xiii)**: Where such performance test data are not available, the appropriate past NOx emission rate shall be evaluated and approved or denied by the director on a case-by-case basis using, for example, appropriate emission factors or data from the NOx SIP call engine inventory. 3704.03(E) Federal

**3745-14-01 (C)(1)**: All of the following units shall be NOx budget units, and any source that includes one or more such units shall be a NOx budget source, subject to the requirements of this chapter: 3704.03(E) Federal

**3745-14-01 (C)(1)(a)**: A unit under paragraph (B)(1) of this rule that has a federally enforceable permit that includes a NOx emission limitation restricting NOx emissions... shall be exempt from the requirements of this chapter, except for the provisions of this paragraph and paragraphs (B)(2) and (B)(3) of this rule. 3704.03(E) Federal

**3745-14-01 (C)(2)(a)**: The NOx emissions limitation under this paragraph shall restrict NOx emissions during the control period by one of the following methods: 3704.03(E) Federal

**3745-14-01 (C)(2)(b)**: A restriction on unit operating hours calculated by dividing the federally enforceable emission limitation, in tons, determined in accordance with paragraph (C)(2)(a) of this rule, by the unit’s maximum potential hourly NOx mass emissions, which shall equal the unit’s maximum rated hourly heat input multiplied by the highest default NOx emission rate applicable to the unit under 40 CFR 75.11(c), Table 1M-2. 3704.03(E) Federal

**3745-14-01 (C)(2)(c)**: The exemption under paragraph (C)(2)(a) of this rule shall become effective upon one of the following: 3704.03(E) Federal
The exemption shall become effective on the date on which the NOx emission limitation and the special provisions in the permit under paragraph (C)(2)(b) of this rule become final; or

The director shall provide the administrator written notice of the issuance of any permit under paragraph (C)(2)(b) of this rule and, upon request, a copy of the permit.

A unit exempt under paragraph (C)(2)(b) of this rule shall report hours of operation or fuel usage during the control period in each year.

A unit exempt under paragraph (C)(2)(b) of this rule shall report the emissions from the NOx budget units under paragraph (C)(1) of this rule.

The emissions measurements recorded and reported in accordance with rule 3745-14-08 of the Administrative Code shall be used to determine compliance with the NOx state program budget under paragraph (D)(1) of this rule.

The documents demonstrating the designated representative's authority necessary to carry out his or her duties and responsibilities under the NOx budget program shall be maintained on site at the source beyond such five-year period until such documents are superseded because of the selection of a new designated representative.

The designated representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the NOx budget program, including those under rule 3745-14-04 and rule 3745-14-08 of the Administrative Code.
Any person who knowingly violates any requirement or prohibition of the NOx budget program, a permit, or an exemption under paragraph (C)(2) of this rule shall be subject to enforcement pursuant to applicable state and federal law. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

Any person who knowingly makes a false material statement in any record, submission, or report under the NOx budget program shall also apply to the owners and operators of such source and of the NOx budget units at the source. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

Any provision of the NOx budget program that applies to a NOx budget source (including a provision applicable to the designated representative of a NOx budget source) shall also apply to the operators and the designated representative of each NOx budget unit. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

No provision of the NOx budget program, a permit application, a permit, or an exemption under paragraph (C)(2) of this rule shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the designated representative of a NOx budget source or NOx budget unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

Unless otherwise stated, any time period scheduled, under the NOx budget program, to begin on the occurrence of an act or event shall begin on the day the act or event occurs. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

Unless otherwise stated, if the final day of any time period under the NOx budget program, except for the control period defined in paragraph (B)(2)(c) of this rule, falls on a weekend or a state or federal holiday, the time period shall be extended to the next business day. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

The designated representative of a NOx budget source subject to this rule required to have a federally enforceable permit for the source shall submit an application for an operating permit or an application for a modification to an operating permit. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For any source, with one or more NOx budget units that commence operation on or after January 1, 2000, the designated representative shall submit a complete permit application. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For any source, with one or more NOx budget units that commence operation on or after January 1, 2000, the designated representative shall submit a complete permit application. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For any source, with any NOx budget unit that commences operation on or after January 1, 2000, the designated representative shall submit a complete permit application. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For a NOx budget source required to have a Title V operating permit, the designated representative shall submit a complete permit renewal application. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For a NOx budget source required to have a non-Title V operating permit, the designated representative shall submit a complete permit application. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

A complete permit application for a NOx budget source shall include all of the following elements: 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

Each permit (including any draft or proposed permit, if applicable) shall contain... 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For a NOx budget source with a Title V operating permit, the director shall revise the permit, as necessary, in accordance with rule 3745-31-04 of the Administrative Code. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No

For a NOx budget source with a non-Title V operating permit, the director shall revise the permit, as necessary, in accordance with rule 3745-31-04 of the Administrative Code. 3704.03(E) FederalCAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SFP Federal No
The compliance certification report shall include all of the following:

- If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made.

The owners and operators, and to the extent applicable, the designated representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in paragraphs (A) to (I) of this rule, except when complying with approved alternative monitoring and reporting requirements provided in paragraph (I) of this rule.

The owners and operators shall meet the certification and other requirements of paragraphs (A)(2)(a) to (A)(2)(i) of this rule on or after the following dates:

- If, prior to January 1, 1998, the administrator approved a petition under 40 CFR 75.17(a) or 40 CFR 75.17(b) for apportioning the NOx emission rate measured in a common stack or a petition under 40 CFR 75.66 for an alternative to a requirement in 40 CFR 75.17, the designated representative shall resubmit the petition, under paragraph (F)(1) of this rule, to the administrator to determine if the approval applies under the NOx budget program.

For any additional CEMS required under the common stack provisions in 40 CFR 75.72, or for any NOx concentration CEMS used under the provisions of 40 CFR 75.71(a)(2), the owner or operator shall meet the requirements of paragraph (B)(2)(a) of this rule.

The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation shall comply with the initial certification and recertification procedures of 40 CFR Part 75.

The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation shall comply with the following:

- Shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of paragraphs (A) to (G) of this rule and 40 CFR Part 75 except as provided for in 40 CFR 75.74.

No owner or operator of a NOx budget unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system, except under any one of the following circumstances:

- Shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of paragraphs (A) to (G) of this rule and 40 CFR Part 75 except as provided for in 40 CFR 75.74.
Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system, the owner or operator shall notify the administrator of the United States environmental protection agency region 5 office, and the director a written notice of the dates of certification in accordance with paragraph (D) of this rule.

The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and the director a written notice of the dates of certification in accordance with paragraph (D) of this rule.

The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and the director a written notice of the dates of certification in accordance with paragraph (D) of this rule.

A complete certification application shall include the information specified in 40 CFR Part 75, Subpart H.

The director shall issue a written notice of approval or disapproval of the certification application to the owner or operator within one hundred twenty days of receipt of the complete certification application under paragraph (B)(2)(c)(i) of this rule.

The director shall issue a written notice of approval or disapproval of the certification application to the owner or operator within one hundred twenty days of receipt of the complete certification application under paragraph (B)(2)(c)(i) of this rule.

The director shall issue a written notice of approval or disapproval of the certification application to the owner or operator within one hundred twenty days of receipt of the complete certification application under paragraph (B)(2)(c)(i) of this rule.

The designed representative shall submit to the administrator, the United States environmental protection agency region 5 office, and the director a notice of change in 40 CFR Part 75, Subpart H.

A certification application shall be considered complete when all of the applicable information required to be submitted under paragraph (B)(2)(c)(ii) of this rule has been received by the director.

If the certification application is incomplete and the requirement for disapproval under paragraph (B)(2)(c)(iv)(b) of this rule has been met, then the director shall issue a notice of disapproval of the certification application under paragraph (B)(2)(c)(iv)(c) of this rule or a notice of disapproval of certification status under paragraph (B)(2)(c)(iv) (d) of this rule, the following shall occur:

A certification application shall be considered complete when all of the applicable information required to be submitted under paragraph (B)(2)(c)(ii) of this rule has been received by the director.

The owner or operator shall submit a notification of certification retest dates and a new certification application in accordance with paragraphs (B)(2)(c)(iii) and (B)(2)(c)(i) of this rule.

The owner or operator of such a unit shall also meet the applicable certification and recertification procedures of paragraph (B)(2) of this rule, except that the exception methodology shall be deemed provisionally certified for use under the NOx budget program as of the following dates:

The owner or operator of such a unit shall also meet the applicable certification and recertification procedures of paragraph (B)(2) of this rule, except that the exception methodology shall be deemed provisionally certified for use under the NOx budget program as of the following dates:

The owner or operator of such a unit shall also meet the applicable certification and recertification procedures of paragraph (B)(2) of this rule, except that the exception methodology shall be deemed provisionally certified for use under the NOx budget program as of the following dates:

If the certification application shows that any monitoring system or component thereof does not meet the performance requirements of this chapter, or if the certification application is incomplete and the requirement for disapproval under paragraph (B)(2)(c)(iv)(b) of this rule has been met, then the director shall issue a written notice of disapproval of the certification application.

If the owner or operator makes a replacement, modification, or change in a certified monitoring system, the owner or operator shall notify the administrator of the United States environmental protection agency region 5 office, and the director a written notice of the dates of certification in accordance with paragraph (D) of this rule.

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A complete certification application shall include the information specified in 40 CFR Part 75, Subpart H.

The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and the director a certification application for each monitoring system required under 40 CFR Part 75, Subpart H.

A complete certification application shall include the information specified in 40 CFR Part 75, Subpart H.

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<table>
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<tr>
<th>Rule</th>
<th>Paragraph</th>
<th>Text</th>
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<tr>
<td>3745-14.08</td>
<td>(B)(4)</td>
<td>The designated representative of each unit not subject to an acid rain emissions limitation for which the owner or operator intends to use an alternative monitoring system approved by the administrator under subpart E of 40 CFR Part 75, shall comply with the applicable certification procedures in paragraph (B)(2) of this rule before using the system under the NOx budget program. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
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<tr>
<td>3745-14.08</td>
<td>(B)(4)</td>
<td>The requirements of 40 CFR 75.20(f) shall apply to such alternative monitoring system. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
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<td>3745-14.08</td>
<td>(C)(1)</td>
<td>Whenever any monitoring system fails to meet the quality assurance or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable procedures in 40 CFR Part 75, Appendix D, 40 CFR Part 75, Appendix E, or 40 CFR Part 75, Subpart D. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(C)(2)</td>
<td>Whenever... the director shall issue a notice of disapproval of the certification status of such system or component. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(C)(2)</td>
<td>For the purposes of this paragraph, an audit shall be either a field audit or an audit of any information submitted to the director or the administrator. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
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<tr>
<td>3745-14.08</td>
<td>(D)</td>
<td>The designated representative shall submit written notice of certification and recertification test dates to the director and the administrator in accordance with 40 CFR 75.61-. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
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<tr>
<td>3745-14.08</td>
<td>(E)(1)(a)</td>
<td>The designated representative shall comply with all record keeping and reporting requirements in paragraphs (A) to (G) of this rule. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(1)(b)</td>
<td>The designated representative or the alternative designated representative shall also be signed by the designated representative or the alternative designated representative. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(2)(a)</td>
<td>The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(2)(b)</td>
<td>The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(3)</td>
<td>The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(4)</td>
<td>If a unit is subject to an acid rain emissions limitation or if the owner or operator of the NOx budget unit chooses to meet the annual reporting requirements of paragraphs (A) to (G) of this rule, the designated representative shall submit a quarterly report for each calendar quarter beginning with the following: 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(4)(a)</td>
<td>Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of provisional certification or the first hour on May 1, 2003. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(4)(b)</td>
<td>Data shall be reported from the date and hour corresponding to when the unit commenced operation. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
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<tr>
<td>3745-14.08</td>
<td>(E)(4)(c)</td>
<td>If a NOx budget unit is not subject to an acid rain emissions limitation, then the designated representative shall do either of the following: 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(5)</td>
<td>The designated representative shall submit quarterly reports, beginning with: 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(5)(a)</td>
<td>Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of initial certification under paragraph (B)(2)(c)(i) or (B)(3) of this rule or the first hour of May 1, 2003. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(5)(b)</td>
<td>Data shall be reported from the date and hour corresponding to when the unit commenced operation. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
</tr>
<tr>
<td>3745-14.08</td>
<td>(E)(5)(c)</td>
<td>Data shall be recorded and reported from the earlier of the date and hour corresponding to the date and hour of initial provisional certification under paragraph (B)(2)(c)(i) or (B)(3) of this rule or the first hour of May first of the first control period after the unit commences operation. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR §5.112 GIP Federal No</td>
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The designated representative shall submit each quarterly report to the administrator within thirty days following the end of the calendar quarter covered by the report.

Quarterly reports shall be submitted in the manner specified in 40 CFR Part 75, Subpart H and 40 CFR 75.64, as follows:

For units subject to an air emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G.

The designated representative shall submit to the administrator a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored.

The compliance certification shall state the following:

Application of an alternative to any requirement of paragraphs (A) to (G) of this rule shall be in accordance with paragraphs (A) to (G) of this rule only to the extent that the petition requests approval to apply an alternative to a requirement concerning any additional CEMS required under the common stack provisions of 40 CFR 75.72, the petition shall be governed by paragraph (I)(2) of this rule.

Application of an alternative to any requirement of paragraphs (A) to (G) of this rule shall be in accordance with paragraphs (A) to (G) of this rule only to the extent the petition submitted in accordance with paragraph (F)(2)(b) of 3745-14-08 (E)(4)(d) is approved by both the director and the administrator.

Alternative monitoring and reporting requirements shall be based on the best available data, provide for reporting the nature and amount of emissions of a NOx budget unit, and shall be sufficient to determine compliance with this Chapter.

The application for an installation or operating permit requesting alternative monitoring and reporting shall include the following:

Prior to the use of alternative monitoring and reporting, applicable terms and conditions, including 40 CFR Part 60 monitoring and reporting requirements, or an approved emission factor and monitoring procedures for fuel use and heat input, shall be specified in an installation permit.

When approved by the director, the owners and operators, and to the extent applicable, the designated representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided during the control period.

If the emissions factor analysis submitted in accordance with (H)(3)(b) of this rule did not include a stack test, an initial stack test shall be conducted within ninety 374-14-08-07 days of permit issuance.

If in the event a unit not in operation at the time a stack test was required under this paragraph resumes operation, a stack test shall be conducted within ninety days of resuming operation.

When approved by the director, the owners and operators, and to the extent applicable, the designated representative of a NOx budget unit approved for alternative monitoring and reporting under paragraph (H) of this rule shall meet all of the following:

Ongoing stack tests shall be conducted at least once every five years from the date of the previous stack test for units still in operation.

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Ongoing stack tests shall be conducted at least once every five years from the date of the previous stack test for units in operation.
CAA Sections 126 and 3745-14-08 (H)(6)(e) shall These records shall be made available to the director or his representative upon request. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-08 (H)(7)(a) shall No owner or operator of a NOx budget unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of paragraphs (H)(6) of this rule. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-08 (H)(7)(b) shall No owner or operator of a NOx budget unit shall retire or permanently discontinue use of the monitoring system, or any component thereof, except under one of the following circumstances. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (A) shall The requirements of this rule shall apply only to following types of portland cement kilns 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (B) shall After April 30, 2004, an owner or operator of any portland cement kiln subject to this rule shall not operate the kiln during May first through September thirtieth unless... 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (C)(1) shall Any owner or operator subject to the requirements of paragraph (B) of this rule shall comply with the following requirements: 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (C)(2) shall Any owner or operator of a unit subject to paragraph (B) of this rule shall complete an initial performance test and subsequent annual testing. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (C)(3) shall Any owner or operator of a unit subject to paragraph (B) of this rule shall produce and maintain records which shall include... 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (C)(4) shall All records required to be produced or maintained shall be retained on site for a minimum of two years and be made available to the director or administrator upon request. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-11 (D) shall The requirements of this rule shall not apply to the following periods of operation: 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(1) shall After May 1, 2007, an owner or operator of a large NOx SIP call engine shall not operate the engine in the 2007 control period or any subsequent year's control period unless the owner or operator complies with the requirements of a compliance plan which meets the following provisions: 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(1)(a) shall The compliance plan shall be approved by the director. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(1)(b) shall The compliance plan shall demonstrate enforceable emission reductions... 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(1)(d) shall The compliance plan shall be submitted to the director by May 1, 2006. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(1)(f) shall The compliance plan shall include the following items: 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (B)(2) shall The projected NOx emission rate in grams per brake horsepower-hour for each affected engine shall be included in a federally enforceable permit. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (C) shall Any owner or operator subject to the requirements of paragraph (B) of this rule shall comply with the following: 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (C)(2) shall The records shall be made available to the director and administrator upon request. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (C)(2)(b) shall For each engine subject to the requirements of this rule, the owner or operator shall maintain records... 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-12 (C)(3) shall Any owner or operator subject to the requirements of this rule shall submit results of all compliance tests to the director. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-01 (B)(2)(a) required "Automated data acquisition and handling system" or "DAHS" means that component of the CEMS... to produce a continuous record of the measured parameters in the measurement units required by paragraphs (A) to (G) of rule 3745-14-08 of the Administrative Code. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-01 (B)(2)(o) required "Continuous emission monitoring system" or "CEMS" means the equipment required under paragraphs (A) to (G) of rule 3745-14-08 of the Administrative Code. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-01 (B)(2)(o) required "Continuous emission monitoring system" or "CEMS" means the equipment required under paragraphs (A) to (G) of rule 3745-14-08 of the Administrative Code, and 40 CFR Part 75. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-01 (D)(4)(a)(iii) required Copies of all reports, compliance certifications, and other submissions and all records made or required under the NOx budget program. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-01 (D)(4)(b) required The designated representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the NOx budget program, including those under rule 3745-14-04 and rule 3745-14-08 of the Administrative Code. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-03 (A)(2) required The designated representative of a NOx budget source subject to this rule required to have a federally enforceable permit for the source shall submit an application. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-03 (A)(3) required The owners and operators of each NOx budget source required to have a federally enforceable permit shall operate the source in compliance with such permit. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

CAA Sections 126 and 3745-14-03 (A)(4) required The owners and operators of a NOx budget source that is not otherwise required to have a federally enforceable permit are not required to submit a permit application, and to have a permit for such NOx budget source. 3704.03(E) Federal CAA Sections 126 and 1106(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No
For NOx budget sources required to have a Title V operating permit:

CAA Sections 126 and 3745-14-03 (B)(1)(a) required

For NOx budget sources required to have a non-TiVe operating permit:

CAA Sections 126 and 3745-14-03 (B)(1)(b) required

For a NOx budget source required to have a Title V operating permit, the designated representative shall submit a complete permit application...

Each permit (including any draft or proposed permit, if applicable) shall contain, in a format prescribed by the director, all elements required for a complete permit application under paragraph (C) of this rule.

If a change is required to be reported under paragraph (A)(2)(c) of this rule, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor re-certification.

Install all monitoring systems required under paragraphs (A) to (G) of this rule for monitoring NOx mass emissions.

Install all systems required to monitor NOx emission rate, NOx concentration, heat input rate, and stack flow rate, in accordance with 40 CFR 75.71 and 75.72.)

Successfully complete all certification tests required under paragraph (B) of this rule.

Record, report and quality assure the data from the monitoring systems required under paragraphs (A)(2)(a) and (A)(2)(b) of this rule.

If the monitoring system is new or being relocated, the owner or operator shall ensure that each monitoring system automated data acquisition and handling system) successfully completes all of the initial certification testing required under 40 CFR 75.20 by the applicable deadline in paragraph (A)(2) of this rule.

The owner or operator of a NOx budget unit that is subject to an acid rain emissions limitation and that requires additional CEMS under the common stack provisions in 40 CFR 75.72, or for any NOx concentration CEMS used under the provisions of 40 CFR 75.71(a)(2), the owner or operator shall meet the requirements of paragraph (B)(2) of this rule.

Install automated data acquisition and handling system) successfully completes all of the initial certification testing required under 40 CFR 75.20 by the applicable deadline in paragraph (A)(2) of this rule.

Examples of changes that require re-certification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site.

For any additional CEMS required under the common stack provisions in 40 CFR 75.72, or for any NOx concentration CEMS used under the provisions of 40 CFR 75.71(a)(2), the owner or operator shall meet the requirements of paragraph (B)(2) of this rule.

A certification application shall be considered complete when all of the applicable information required to be submitted under paragraph (B)(3)(i) to (viii) of this rule has been received by the director.

If the application is not complete, the director shall issue a written notice of incompleteness that sets a reasonable date by which the designated representative shall submit the additional information required to complete the certification application.

The designated representative for a NOx budget unit shall submit written notice of certification and re-certification test dates to the director and the administrator in accordance with 40 CFR 75.61, except that if a unit is not subject to an acid rain emission limitation, notification is only required to be sent to the director.

The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.

The designated representative shall submit to the administrator, the United States environmental protection agency region 5 office, and director a certification application for each monitoring system required under 40 CFR Part 75, Subpart H.

If the designated representative for a NOx budget unit subject to an acid rain emission limitation who signed and certified any application that is made under 40 CFR Part 75, Subpart F or 40 CFR Part 75, Subpart G and which includes data and information required under paragraphs (A) to (G) of this rule or 40 CFR Part 75, Subpart H...

The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.
The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.

For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack). 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.

For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack). 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.

For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

The designated representative shall submit an application to the administrator, United States environmental protection agency region 5 office, and the director within forty-five days after completing all initial certification or recertification tests required under paragraph (B) of this rule including the information required under 40 CFR Part 75, Subpart H.

For units subject to an acid rain emissions limitation, quarterly reports shall include all of the data and information required in 40 CFR Part 75, Subpart H for each NOx budget unit (or group of units using a common stack) and the data and information required in 40 CFR Part 75, Subpart G. 3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No

Complete an initial performance test consistent with the requirements of 40 CFR Part 60, Appendix A, following installation of emission controls required to achieve the emission rate limit specified in paragraph (B)(2) of this rule.

3704.03(E) Federal CAA Sections 126 and 110(a)(2)(D)(i); 40 CFR 51.121 SIP Federal No
<table>
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<th>OAC Rule #</th>
<th>Paragraph</th>
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<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
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<th>Requirement on the agency or director?</th>
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<tr>
<td>3745-15-01</td>
<td>(S)</td>
<td>require</td>
<td>“Ohio EPA” or “CEPA,” means the Ohio environmental protection agency or the director as the context or other law or rules may require.</td>
<td>1704.03(E)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-15-02</td>
<td>None</td>
<td>shall</td>
<td>All regulations of the director shall be construed in such manner as to effectuate this purpose.</td>
<td>1704.03(E)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(A)</td>
<td>require</td>
<td>The director may require the keeping and periodic submission of records and reports.</td>
<td>1704.03(E)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(A)</td>
<td>shall</td>
<td>Each information shall be recorded, compiled, and submitted in a manner and form prescribed by the director.</td>
<td>1704.03(E)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(B)(1)</td>
<td>shall</td>
<td>Requirements under paragraph (C) of this rule shall be applicable to an owner or operator...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(B)(1)(b)</td>
<td>shall</td>
<td>A federally enforceable permit-to-install and operate...; however, this requirement shall only be applicable to the terms and conditions specifically identified in the FEPTIO as subject to reporting under paragraph (C)...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(B)(2)</td>
<td>shall</td>
<td>Requirements under paragraph (D) of this rule shall be applicable to an owner or operator...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>N/A</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(1)</td>
<td>shall</td>
<td>Each permit described under paragraph (B)(1) of this rule shall require the owner or operator submit a quarterly report of the following:</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(1)(b)</td>
<td>shall</td>
<td>...the yearly permits or operator shall submit a quarterly report...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(2)</td>
<td>shall</td>
<td>For the purposes of this rule, quarterly shall mean January to March, April to June, July to September, and October to December.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(2)</td>
<td>shall</td>
<td>...Each report shall be submitted by the thirty-first of January, thirtieth of April, ...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(3)</td>
<td>shall</td>
<td>...Each report shall cover the previous calendar quarter.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(3)</td>
<td>required</td>
<td>Unless required by Chapter 3745-77 of the Administrative Code, quarterly reports may exclude the requirements of paragraphs.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(3)(b)</td>
<td>shall</td>
<td>...reports may exclude the requirements of paragraphs (C)(3)(a) to (C)(1)(c) of this rule for reported deviations resulting from malfunctions reported in accordance with rule 3745-15-06 of the Administrative Code.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(3)(c)</td>
<td>shall</td>
<td>Reports submitted in accordance with Chapter 3745-77 of the Administrative Code for sources subject to Chapter 3745-77 of the Administrative Code, shall be deemed to meet the requirements.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(4)</td>
<td>required</td>
<td>...shall be deemed to meet the requirements for quarterly reporting under this rule if the requirements contained in paragraph (C) of this rule are satisfied in the reporting required under Chapter 3745-77 of the Administrative Code.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(C)(4)</td>
<td>required</td>
<td>The owner or operator shall identify in any report submitted...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(1)(b)</td>
<td>shall</td>
<td>...each permit described under paragraph (B)(1)(b) of this rule shall require the owner or operator to submit a permit evaluation report...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-15-03</td>
<td>(D)(2)(a)</td>
<td>shall</td>
<td>...each permit described under paragraph (B)(2)(a) of this rule shall require the owner or operator to submit a permit evaluation report...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(b)</td>
<td>shall</td>
<td>...the permit evaluation report shall identify the report period for the covered air contaminant source.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(c)</td>
<td>shall</td>
<td>...the permit evaluation report shall identify the report period for the covered air contaminant source.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(d)</td>
<td>shall</td>
<td>...the permit evaluation report shall be submitted annually...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(e)</td>
<td>shall</td>
<td>The first permit, described under paragraph (B)(2) of this rule, issued to an owner or operator shall identify the reporting period for the covered air contaminant source.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(f)</td>
<td>shall</td>
<td>...the permit evaluation report shall be submitted... by the due date specified.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(g)</td>
<td>shall</td>
<td>The Ohio environmental protection agency shall provide opportunity for an owner or operator to request a change in the permit evaluation reporting period and due date through procedures established by the director.</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-15-03</td>
<td>(D)(2)(h)</td>
<td>shall</td>
<td>Unless required by Chapter 3745-77 of the Administrative Code, permit evaluation reports may exclude...</td>
<td>1704.03(E)</td>
<td>State</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Clause</td>
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<td>3745-15-03 (D)(5)</td>
<td>In lieu of the requirements of paragraphs (D)(1)(c) to (D)(1)(e) of this rule, the owner or operator shall identify in the permit evaluation report the date the malfunction occurred...</td>
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<td>3745-15-04 (A)</td>
<td>require The director may require... to determine the emission of air contaminants.</td>
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<td>3745-15-04 (A)</td>
<td>shall 3745-15-04 (A) shall All tests shall be conducted by qualified persons.</td>
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<td>3745-15-04 (A)</td>
<td>The owner or the owner’s authorized agent shall notify the director...</td>
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<td>3745-15-04 (A)</td>
<td>The director shall be permitted to witness the tests.</td>
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<td>3745-15-04 (A)</td>
<td>The director shall be furnished with a written report...</td>
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<td>3745-15-04 (A)</td>
<td>shall report shall be signed by the person...</td>
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<tr>
<td>3745-15-04 (A)</td>
<td>required...</td>
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</tbody>
</table>
3745-15-06 (A)(2) requires ... scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (A)(2) must ... the shutdown of the associated air pollution sources, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (A)(3) shall ... Any such request shall be made in a written report, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (A)(3) shall ... The director shall authorize the shutdown of the air pollution control equipment... 1704.03(E) Fed CAA Section 110(a) SIP Yes Yes
3745-15-06 (A)(3) shall ... Any written report submitted pursuant to this paragraph shall contain the following, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (A)(3)(a) shall ... Identification and location of the specific source for which air pollution control equipment will be taken out of service. The identification shall include... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B) shall ... Malfunctions of air pollution control equipment shall be reported as follows, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(1) shall ... In the event that any emission source... breaks down... the person responsible for such equipment shall immediately notify... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(2) shall ... the Ohio environmental protection agency district office or delegate agency shall be notified, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(3) shall ... The operator of such equipment shall prepare and submit a detailed report... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(4) shall ... The immediate notification and written statement shall include the following data: 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(6)(iv) required ... required by any... plan will be or have been implemented. 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(7) shall ... The Ohio environmental protection agency district office or delegate agency shall be notified, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (B)(8) shall ... Otherwise, such notification shall be in writing. 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (C) shall ... The director shall take appropriate action... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (D) require ... the director may require the owner or operator... to prepare, submit and implement a preventive maintenance and malfunction abatement plan, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (D)(1) shall ... Each preventive maintenance and malfunction abatement plan shall be in writing and specify the following: 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (D)(3) shall ... shall be specified in the terms and conditions of any permit... 1704.03(E) Fed CAA Section 110(a) SIP Yes Yes
3745-15-06 (D)(5) shall ... records shall be maintained by the owner or operator... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (D)(6) shall ... All such records shall be maintained for a minimum of two years... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-06 (D)(7) shall ... and shall be subject to inspection by the director or his representative upon request, 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-07 Rule Title prohibited ... Air pollution nuisances prohibited... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-07 (A) shall ... smoke, ashes, dust, dirt, grime, acids, fumes, gases, vapors, or any other substances... It shall be unlawful for any person to cause, permit or maintain any such public nuisance. 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-07 (B) shall ... odors... it shall be unlawful for any person to cause, permit or maintain any such public nuisance. 1704.03(E) Fed CAA Section 110(a) SIP Yes No
3745-15-08 None shall ... Such invalidity shall not affect other provisions... 1704.03(E) Fed CAA Section 110(a) SIP Yes No
<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<tr>
<td></td>
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<td>OAC Chapter 3745-16 exempt from the JCARR process, and therefore exempt from the need for inclusion in the inventory</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
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<tr>
<td>3745-17-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-01</td>
<td>(B)(5)</td>
<td>shall</td>
<td>the definition of facility shall not include agricultural activities, such as the tilling of land, the harvesting of crops, the application of fertilizers, pesticides or herbicides, and grain drying, which are conducted on a farm.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-01</td>
<td>(B)(6)(c)</td>
<td>shall</td>
<td>The stack gas average carbon dioxide and carbon monoxide concentrations for the test run shall be determined in accordance with the requirements in CSA B415.1-10 (R2015), Clause 6.3, using a sampling interval no greater than one minute.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-01</td>
<td>(B)(6)(c)</td>
<td>shall</td>
<td>The average stack gas carbon dioxide and carbon monoxide concentrations for purposes of this determination shall be the average of the stack gas concentrations from all sampling intervals over the full test run.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(A)</td>
<td>shall</td>
<td>For purposes of ascertaining, defining, and measuring ambient air quality, PM2.5 and PM10 shall be measured by the methods specified in paragraphs (B)(20) and (B)(21) of rule 3745-17-01 of the Administrative Code.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1) add CAA 110(a)(2)(B)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(A)</td>
<td>shall</td>
<td>Such measurements for PM10 shall be corrected to standard conditions for purposes of comparing measurements with the ambient air quality standards set forth in rule 3745-25-02 of the Administrative Code.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1) add CAA 110(a)(2)(B)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(1)</td>
<td>shall</td>
<td>For the purpose of determining compliance with paragraph (A)(1) of rule 3745-17-07 of the Administrative Code, visible particulate emissions shall be determined according to the following.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-17-03</td>
<td>(B)(1)(a)</td>
<td>shall</td>
<td>Except as provided in paragraph (B)(1)(b) of this rule, USEPA method 9 or continuous opacity monitoring as specified in paragraph (C) of this rule shall be employed.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(1)(b)</td>
<td>shall</td>
<td>The continuous opacity monitoring system shall comply with the requirements specified in 40 CFR 60.13 and shall be certified in accordance with &quot;USEPA Performance Specification 1.&quot;</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(1)(b)</td>
<td>shall</td>
<td>The continuous opacity monitoring system shall comply with the requirements specified in 40 CFR 60.13 and shall be certified in accordance with &quot;USEPA Performance Specification 1.&quot;</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(1)(b)</td>
<td>shall</td>
<td>During each calendar quarter, the permittee shall be deemed in compliance with paragraph (A)(1) of rule 3745-17-07 of the Administrative Code if the following conditions are met.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(i)</td>
<td>shall</td>
<td>The charging period shall begin when the coal from the charging system starts to enter the oven and shall end when the last charge port lid is replaced. Such charging period shall not include the period of time during which the port lids are reopened in order to sweep spilled coal into the oven.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>The observer shall stand on the topside of the coke oven battery such that a good view of all charge ports of the oven being charged and the charging system is possible.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>During the charging period, the observer shall watch all the potential emission sources including the charge ports and the entire charging system.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>Upon observing the release of any visible particulate emission, an accumulative stopwatch shall be started.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>The watch shall be stopped when the visible particulate emission stops and shall be restarted when a visible particulate emission reappears.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>The observer shall continue this procedure for the entire charging period.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>If visible particulate emissions should occur simultaneously from several points during a charge, the visible particulate emissions shall be timed collectively as one continuous visible particulate emission.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>Furthermore, visible particulate emissions which may start from one source immediately after those from another source shall be timed as one continuous visible particulate emission.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>The time recorded on the stopwatch shall represent the total time that visible particulate emissions are observed during a charge.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-17-03</td>
<td>(B)(2)(a)(ii)</td>
<td>shall</td>
<td>The number of seconds of visible particulate emissions observed for each charge shall be recorded on a data sheet.</td>
<td>3704.03(E) Federal Law CAA 110(a)(1)</td>
<td>SIP Yes - Federal</td>
<td>No</td>
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A minimum of six consecutive charges shall be observed and the time in seconds of visible particulate emissions during such charges shall be totaled if the observations of a set of consecutive charges is interrupted by an event not in the control of an observer, then the data for the interrupted charges shall be discarded and additional charges shall be observed until the total number of consecutive charges equals at least six. If the observations of a set of consecutive charges is interrupted by an event not in the control of an observer, then the data for the interrupted charges shall be discarded and additional charges shall be observed until the total number of consecutive charges equals at least six.

For purposes of this paragraph, charges immediately preceding and following any interrupted or discarded charges shall be deemed consecutive. If the observations of a set of consecutive charges is interrupted by an event not in the control of an observer, then the data for the interrupted charges shall be discarded and additional charges shall be observed until the total number of consecutive charges equals at least six.

The observer shall walk down the length of the top of the battery and shall complete the inspection in an expeditious manner consistent with the safety of the observer. The observer shall walk down the length of the top of the battery and shall complete the inspection in an expeditious manner consistent with the safety of the observer.

If an observer elects to make two traverses for a battery which has two collector mains, the observer shall inspect one collector main during the first traverse and inspect the other collector main during the second traverse. During each traverse, the observer shall record the time of the beginning and end of each traverse and the identity of any charging hole or offtake piping system having visible particulate emissions. The observer shall observe each oven door only once while scanning the perimeter for any visible particulate emissions. After a brief scan of an oven door, the observer shall move along his/her traverse, checking subsequent doors on the battery in a like manner.

Visible particulate emissions from offtake piping which shall include emissions from cracks or defects in the piping shall be noted on an inspection sheet when an observer determines such emissions are occurring from any location on the perimeter of a coke oven door or chuck door such door shall not be counted in this procedure. Visible particulate emissions from charging holes which shall not be included are emissions caused by maintenance work in progress at an oven.

Further, any opened charging hole or offtake piping lid on operating ovens shall be included as observed charging holes and offtake piping. The maximum number of charging hole leaks recorded for any oven shall not exceed the number of charging holes on that oven.

Visible particulate emissions which will not be included are emissions caused by maintenance work in progress at an oven. Visible particulate emissions from charging holes shall include emissions from the seal between the charging hole or stationary jumper pipe. Visible particulate emissions from charging holes shall include emissions from the seal between the charging hole or stationary jumper pipe. The maximum entry for any oven with a single offtake system shall be one and the maximum entry for any oven with two offtake piping systems shall be two. The percentage of charging holes and offtake piping with visible particulate emissions shall be determined by totaling the number of charging holes...
3745-17-03 (B)(2)(c) shall The percentage of oven doors with visible particulate emissions shall be determined by totalling the number of doors with visible particulate emissions, dividing that sum by the total number of observed doors on operating ovens, and multiplying the result by one hundred per cent.

3745-17-03 (B)(2)(c)(i) shall Visible particulate emission readings shall be recorded at fifteen-second intervals during each pushing operation observed and the average reading during each such operation shall be determined by summing the opacity readings and dividing this sum by the number of observations during that pushing operation.

3745-17-03 (B)(2)(c)(ii) shall Further, any doors that are removed from operating ovens shall constitute unobserved doors.

3745-17-03 (B)(2)(d) For any pushing operations, visible particulate emissions shall be determined according to USEPA method 9 with the following modifications:

3745-17-03 (B)(2)(d)(i) shall Paragraph 2.5 ("Data Reduction") of USEPA method 9 shall not be used.

3745-17-03 (B)(2)(d)(ii) shall Visible particulate emission readings shall be recorded at fifteen-second intervals during each pushing operation observed and the average reading during each such operation shall be determined by summing the opacity readings and dividing this sum by the number of observations during that pushing operation.

3745-17-03 (B)(2)(d)(iii) shall The same procedure shall be conducted for the next three vehicle passes.

3745-17-03 (B)(2)(d)(iv) shall For the purpose of determining compliance with the applicable visible emission limitation, the observations, excluding break periods and periods of obscured vision, shall be considered continuous.

3745-17-03 (B)(3) shall The data and reduction and average opacity calculation shall be based upon sets of twelve consecutive visible emission observations recorded at four uninterrupted vehicle passes.

3745-17-03 (B)(3)(a) shall For purposes of this rule, vehicle length and height shall be based upon the length and height of the vehicle being observed.

3745-17-03 (B)(3)(b) shall For the purpose of determining compliance with the applicable visible emission limitation, the observations, excluding break periods and periods of obscured vision, shall be considered continuous.

3745-17-03 (B)(3)(c) shall After completing one side, the observer shall proceed directly to the opposite side of the battery and observe remaining oven doors on that side of the battery shall be observed.

3745-17-03 (B)(3)(d) shall If the observer's view is obscured and observations shall be terminated prior to completing the necessary or desired observation period, the observer shall clearly note this fact on the observation form.

3745-17-03 (B)(3)(e) shall If the observer's view is obscured and observations shall be terminated prior to completing the necessary or desired observation period, the observer shall clearly note this fact on the observation form.

3745-17-03 (B)(3)(f) shall When the observer's view of the source is no longer obscured, the observations shall recommence to complete the observation period.

3745-17-03 (B)(3)(g) shall The observer shall identify on the observation form all interruptions due to rest breaks.

3745-17-03 (B)(3)(h) shall The data and reduction and average opacity calculation shall be based upon sets of twelve observations in each data set.
For any roadway or parking area, the observer shall determine the presence and duration of visible particulate matter at the same point of the potential emissions and at a height approximately four feet above the surface of the roadway or parking area.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(6) shall Test specifications shall be submitted for this purpose at least thirty days before the proposed test date.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(a) The amount of particulate emissions shall be determined by the test methods specified in paragraph (B)(15) of rule 3745-17-01 of the Administrative Code.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(b) For electric arc furnaces at iron foundries, steel foundries and iron and steel mills, the sampling and measurement of the particulate emissions shall be performed.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(c) shall For argon-oxygen decarburization vessels, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals commencing with the pouring of hot metal into the vessel and ending with the completion of the tapping of the vessel.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(d) shall For basic oxygen furnaces, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals commencing.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(e) shall For hot metal transfer operations, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals when hot metal is being poured.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(f) shall For hot metal desulfurization operations, the sampling and measurement of the particulate emissions shall be performed only during those operating intervals.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(g) shall For blast furnace casthouses, the sampling and measurement of the particulate emissions shall be performed only during the casting operation.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(7)(h) shall For pushing operations at coke oven batteries, one point of a probe traverse shall be sampled during each pushing operation and the sampling and measurement.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(8)(a) shall The amount of particulate emissions from an incinerator shall be determined by test methods specified in paragraph (B)(15).

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(8)(b) shall The maximum burning capacity of an incinerator shall be the manufacturer's or designer's guaranteed maximum rate or such other rate as may be determined by the director in accordance with good engineering practices.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(8)(c) shall In case of conflict, the determination made by the director shall govern.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(9)(a) shall The amount of particulate emissions shall be determined by test methods prescribed in paragraphs (B)(15).

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(9)(b) shall The heat content of fuels shall be determined according to ASTM D5685-11.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(9)(c) shall The ash content of coal shall be determined according to ASTM D3174-12.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(10)(a) shall The controlled mass rate of particulate emissions from sources equipped with control equipment, or the uncontrolled mass rate of particulate emissions from sources not equipped with control equipment, shall be determined by sampling.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(10)(b) shall Analyses shall be performed on grab samples of the quench water as applied to the coke. Samples shall be collected at a minimum of five days per week per quench tower.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(10)(c) shall Samples shall be collected at a minimum of five days per week per quench tower and analyzed to report a weekly average concentration for each quench tower. Samples for each week shall be analyzed either.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(11)(a) shall Samples for each week shall be analyzed either.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(11)(b) shall Exempt as provided in paragraphs (C)(6) and (E) of this rule, for any air contaminant source subject to 40 CFR part 51, appendix P, "Minimum Emission Monitoring Requirements," shall operate and maintain a continuous opacity monitoring system (COMS) for measuring opacity.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (B)(11)(c) shall The COMS shall comply with all specifications outlined in 40 CFR part 60, appendix B.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (C)(1) shall The COMS shall be capable of providing external calibration filter access in accordance with Section 5.1.9 of "USEPA Performance Specification 1."

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-03 (C)(2) shall Any owner or operator of a facility that meets the applicability requirements specified in paragraph (C)(1) of this rule shall submit reports to the director of excess.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No
The reports shall include, but not be limited to, the times and values of all six-minute average readings of opacity above the applicable standard.

Upon approval of the use of the CEMS by the director and the administrator, the air contaminant source shall comply with the following:

- The owner or operator shall install, operate and maintain a CEMS for particulate emissions that meets 40 CFR part 60.
- The owner or operator shall conduct a performance evaluation of the CEMS according to 40 CFR 60.13.
- During each particulate emissions correlation testing run of the CEMS required by performance specification 11, particulate emissions and oxygen or carbon dioxide data shall be collected concurrently.
- For particulate emissions, USEPA method 5 or 5B of 40 CFR part 60, appendix A, shall be used.
- For oxygen or carbon dioxide, USEPA method 3A or 3B of 40 CFR part 60, appendix A, shall be used.
- Quarterly accuracy determinations and the daily calibration drift tests shall be performed in accordance with 40 CFR part 60.
- Relative response audits shall be performed annually and response correlation audits using one-hour test runs shall be performed every three years.
- The owner or operator shall conduct a performance evaluation of the CEMS according to 40 CFR part 60.13.
- Each instance where any parameter required to be monitored under the alternative monitoring plan falls outside the federally enforceable ranges of the parameters to be monitored shall be reported.
- The quarterly excess emission reports shall satisfy 40 CFR 60.7 and the permits and shall include, at a minimum, the following:
  - Equipment description, Ohio EPA permit application number, and all necessary data.

Certify in writing to the director that such source is in compliance with paragraph (B)(2) of rule 3745-17-07 of the Administrative Code and paragraph (B) of rule 3745-17-08 of the Administrative Code, as applicable. Such certification shall include:

- Sandusky county, Ohio, shall comply with the certification and permit application requirements in paragraph (A)(1) of this rule by no later than October 1, 1982.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
- Such application shall include a final control plan and a compliance schedule which will bring the source into compliance.
2745-17-04 (A)(6) shall ...shall submit an application for a permit-to-operate in accordance with rule 3745-17-02 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (A)(6) shall ...shall include a final control plan and a compliance schedule 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(1) shall ...shall achieve compliance with the requirements by the following deadlines 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(2) shall ...shall achieve compliance with paragraph (B) of rule 3745-17-08 of the Administrative Code as expeditiously as practicable 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(3) shall ...shall achieve compliance with paragraph (B)(6)(b) of rule 3745-17-10 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(4) shall ...shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(5) shall ...shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(6) shall ...shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-04 (B)(7) shall ...shall achieve compliance with the requirements as expeditiously as practicable, but not later than the deadlines established in the following schedules: 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (A)(1)(a) shall ...shall be deemed not to be a violation of this rule where the presence of uncombined water is the only reason for failure of a stack emission to meet this rule 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (A)(3) shall ...the visible particulate emission limitations established in paragraph (A)(1) of this rule shall not apply to the following 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (A)(3)(i) shall ...the stack shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (A)(3)(ii) shall ...visible particulate emissions from any fugitive dust source associated with a coke oven battery shall comply with the following: 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2) shall ...any time as the process is operating in a steady-state condition using its primary fuel 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(11) shall ...visible particulate emissions from any fugitive dust source shall not exceed twenty per cent opacity as a three-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(a) shall ...visible particulate emissions from any charging operations except for a period of time not to exceed one hundred twenty-five seconds during any five consecutive charges. 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(b) shall ...visible particulate emissions from more than ten per cent of the coke oven piping 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(c) shall ...visible particulate emissions from more than five per cent of the charging hole lids 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(d) shall ...visible particulate emissions from more than ten per cent of the oven doors 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(e) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(f) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(g) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(h) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(i) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(j) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(k) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(l) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(m) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(n) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(o) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(p) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(q) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(r) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(s) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(t) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(u) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(v) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(w) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(x) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(y) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

3745-17-07 (B)(2)(z) shall ...visible particulate emissions shall not exceed twenty per cent opacity as a six-minute average 3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No
Except as provided in paragraphs (B)(7) to (B)(11) of this rule, there shall be no visible particulate emissions from any material storage pile except for a period of time not to exceed thirteen minutes during any sixty-minute observation period. 

Ohio Power Company, and The Toledo Edison Company or any subsequent owners or operators of such facilities shall not exceed any of the following limitations.

The visible particulate emission limitations specified in paragraphs (B)(1) to (B)(9) of this rule shall not apply to the following:

It shall be deemed not to be a violation of this rule where the presence of uncombined water is the only reason for failure of a fugitive dust emission to meet this rule.

Any such request shall be made in writing at the time the test specifications and procedures are submitted to the director pursuant to paragraph (B)(8) of rule 3745-17-03 of the Administrative Code.

The director shall notify the owner or operator of any subsequent owners or operators of any facility, and The Toledo Edison Company, or any subsequent owner or operator of such facilities, shall not exceed any of the following limitations.

The visible particulate emission limitations specified in paragraphs (B)(1) to (B)(9) of this rule shall not apply to the following:

The director shall notify the owner or operator of any subsequent owners or operators of any facility, and The Toledo Edison Company, or any subsequent owner or operator of such facilities, shall not exceed any of the following limitations.

Any such request shall be made in writing not later than thirty days following receipt of the notification from the director. Such request shall be made in writing not later than thirty days following receipt of the notification from the director.

Any written request for an equivalent visible particulate emission limitation from an owner or operator of an air contaminant source shall include information which demonstrates the following.

Any such equivalent visible particulate emission limitation shall be specified in the terms and conditions of the permit.

Any revision approved by the director in accordance with paragraphs (A)(3)(a)(i), (A)(3)(a)(ii), (A)(3)(b)(i), and (A)(3)(b)(ii) of this rule shall not revise the federally enforceable requirements of the state implementation plan until approved by the United States environmental protection agency.

Except as otherwise specified in paragraph (A)(1) of this rule, paragraph (B) of this rule shall apply to any fugitive dust source which is located within the areas identified in appendix A to this rule.

No person shall cause or permit any fugitive dust source to be operated; or any materials to be handled, transported, or stored; or a building or its appurtenances or a road to be used, constructed, altered, repaired, or demolished without taking or installing reasonably available control measures to prevent fugitive dust from becoming airborne.

Such reasonably available control measures shall include, but not be limited to, one or more of the following which are appropriate to minimize or eliminate visible particulate emissions of fugitive dust.

The installation and use of hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the fugitive dust. Such equipment shall meet the following requirements.

For purposes of determining compliance with paragraph (B) of this rule, the director shall consider a control measure to be adequate if it complies with the following.

This paragraph shall not exempt the owner or operator of a fugitive dust source which is not located within an area identified in appendix A to this rule from rule 3745-17-04 of the Administrative Code.

Any owner or operator of a facility which contains a fugitive dust source and which is located within any area identified in appendix A to this rule shall submit a certification or application for a permit-to-operate in accordance with paragraphs (A) and (B) of rule 3745-17-04 of the Administrative Code.

For the purposes of this rule, the total of the capacities of all incinerators which are united either physically or operationally shall be considered as the incineration capacity.

No person shall cause, suffer, or allow to be emitted into the ambient air from any incinerator, particulate emissions in the exhaust gases in excess of either of the following.

Incinerators, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.

This rule shall apply to any incinerator except those regulated under Chapter 3745-75 of the Administrative Code.

For the purposes of this rule, the total of the capacities of all incinerators which are united either physically or operationally shall be considered as the incineration capacity.
For purposes of this rule the actual heat input shall be the aggregate heat content of all fuels whose products of combustion emanate from a single fuel burning unit.

The maximum capacity shall be the equipment manufacturer's or designer's guaranteed maximum heat input, whichever is greater.

... the total heat input of all fuel burning units on a plant or premises which are united either physically or operationally shall be the total of the maximum capacities for all such units.

The total heat input shall be used for determining the maximum allowable amount of particulate emissions per million Btu of actual heat input from any single fuel burning unit.

Any new or existing fuel burning equipment which is fired only with gaseous fuels or number two fuel oil and which is physically or operationally united with other fuel burning equipment on a plant or premises shall not be included by the director.

For purposes of this paragraph, fuel burning equipment shall include, where appropriate, all equipment on a plant or premises which are united either physically or operationally with the fuel burning equipment.

Any owner or operator requesting derating of fuel burning equipment shall demonstrate to the director the terms and conditions of any permit, variance, or order for equipment which has been granted a derated total heat input value shall prohibit the operation of such equipment at a level in excess of the derated total heat input value.

Any derating of fuel burning equipment approved by the director shall not revise the federally enforceable requirements of the state implementation plan until approved by the United States environmental protection agency.

Fuel burning equipment which constitutes a new source and is physically or operationally united with existing fuel burning equipment on a plant or premises shall not be included by the director for purposes of.

Except as provided in paragraphs (B)(1) or (B)(2) of this rule, the total heat input for the new and existing fuel burning equipment shall be used for determining.

Except as provided in paragraph (B)(1) of this rule, the director shall not cause or permit the ambient particulate emissions from unit 4 main boiler.

During January and July of each year, the owner or operator shall submit reports to the director which document the quality and quantity (on a dry basis) of each shipment of coal received during the previous six calendar months.

The coal received for use in the fuel burning equipment has an ash content of less than 8.0 per cent by weight and a heat content of greater than thirteen thousand Btu per pound (ash content and heat content shall be determined on a dry basis).

No coal-fired fuel burning equipment which is subject to the alternative emission requirements of this rule shall be eligible for an equivalent visible particulate emission limitation pursuant to paragraph (C) of rule 3745-17-07 of the Administrative Code.
3745‐17‐10  (C)(7)(b) shall  the alternative emission requirements shall be specified in the terms and conditions of the permit to operate or variance issued for the source.

3745‐17‐11  (A)(3)(i) shall  any such exemption approved by the director shall be approved by the United States environmental protection agency as a revision of the state implementation plan.

3745‐17‐11  (A)(2) shall  Except as otherwise indicated in paragraphs (A)(2)(a) to (A)(2)(c) of this rule, the more stringent of the two requirements shall apply.

3745‐17‐11  (A)(2)(a) shall  Figure II in the appendix to this rule shall not apply to any of the following.

3745‐17‐11  (A)(2)(b) shall  Table I in the appendix to this rule shall not apply to any of the following.

3745‐17‐11  (A)(2)(c) shall  Table II in the appendix to this rule shall apply to any fluid catalytic cracking unit at a petroleum refinery.

3745‐17‐11  (A)(3) shall  the maximum allowable mass rate of particulate emissions that pass through a stack or stacks from all such units shall be used for determining the maximum allowable mass rate of particulate emissions that pass through a stack or stacks from all such units.

3745‐17‐11  (B)(1) shall  the process weight shall mean the total weight of recirculated catalyst and cold catalyst introduced into the catalyst regenerator.

3745‐17‐11  (B)(2) shall  Except as otherwise provided in paragraph (B)(4), (B)(5), (B)(6) or (C) of this rule, any owner or operator of a source of particulate emissions which is located within the following counties shall operate said source so that...  

3745‐17‐11  (B)(3) shall  Any owner or operator of a stationary gas turbine shall not permit the particulate emissions from the turbine’s exhaust to exceed 0.040 pound per million Btu of actual heat input.

3745‐17‐11  (B)(4) shall  Any owner or operator of a stationary gas turbine shall not cause or permit the particulate emissions from the engine’s exhaust to exceed the following.

3745‐17‐11  (B)(5) shall  The owner or operator shall operate the control devices in accordance with the manufacturer’s recommendations, instructions, or operating manuals for the control devices.

3745‐17‐11  (C)(1) shall  Any surface coating process not exempt under paragraphs (A)(1)(h) to (A)(1)(l) of this rule shall comply with all of the following.

3745‐17‐11  (C)(2) shall  Any documentation required under paragraphs (C)(2)(a) to (C)(2)(e) of this rule shall be maintained for not less than five years.

3745‐17‐11  (C)(2)(a) shall  The owner or operator shall maintain documentation of the manufacturer’s recommendations, instructions, or operating manuals for the control devices.

3745‐17‐11  (C)(2)(b) shall  The owner or operator shall maintain a copy of the manufacturer’s recommended inspection frequency.

3745‐17‐11  (C)(2)(c) shall  The owner or operator shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with.

3745‐17‐11  (C)(2)(d) shall  Any documentation required under paragraphs (C)(2)(a) to (C)(2)(e) of this rule shall be maintained at the facility and shall be made available to Ohio EPA upon request.

3745‐17‐11  (C)(2)(e) shall  The owner or operator shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

3745‐17‐11  (C)(2)(f) shall  Any documentation required under paragraphs (C)(2)(a) to (C)(2)(f) of this rule shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements.

3745‐17‐11  (C)(2)(g) shall  Any documentation required under paragraphs (C)(2)(a) to (C)(2)(g) of this rule shall be maintained for not less than five years.

3745‐17‐11  (C)(3) shall  … the lowest achievable emission rate shall comply with such limitations and measures instead of paragraphs (C)(1) and (C)(2) of this rule.

3745‐17‐11 Appendix A shall  The allowable rate of particulate emission (F) for process weight rates (F) not specifically listed in this table shall be obtained by use of the following equations.
Compliance with the emission limitations and control requirements specified in this rule shall be achieved in accordance with the time schedules contained in rule 3745-17-04 of the Administrative Code.

The "Cuyahoga Materials" (OEPA premise number 1318006023) or any subsequent owner or operator of the "Cuyahoga Materials" facility located at 2929 Rockefeller avenue, Cleveland, Ohio shall comply with all the following:

For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

For the crushed concrete storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

All of the particulate emissions from source F004 shall either be vented to a baghouse or controlled by a wet suppression system.

If a baghouse is employed to control source F004, the total combined particulate emissions from all stacks associated with source F004 shall not exceed 2.4 pounds per hour.

The "Cuyahoga Concrete Hummel Rd Plant" (OEPA premise number 1318122676) or any subsequent owner or operator of the facility located at 17251 Hummel road, Brook Park, Ohio shall comply with all the following:

The "Boyas Excavating, Incorporated" (OEPA premise number 1318578710) or any subsequent owner or operator of the "Boyas Excavating, Incorporated" facility located at 11311 Rockside road, Valley View, Ohio shall not:

The "Cleveland Trinidad Paving Company" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Cleveland Trinidad Paving Company" facility located at 4530 East 71st street, Cuyahoga Heights, Ohio shall not:

The "Cuyahoga Foundry Company" (OEPA premise number 1318171954) or any subsequent owner or operator of the "Cuyahoga Foundry Company" facility located at 4530 East 71st street, Cuyahoga Heights, Ohio shall not:

The "Harval, Incorporated" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Harval, Incorporated" facility located at 1971 Carter road, Cleveland, Ohio shall not:

The "Harval, Incorporated" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Harval, Incorporated" facility located at 1971 Carter road, Cleveland, Ohio shall not:

The "Harval, Incorporated" (OEPA premise number 1318005960) or any subsequent owner or operator of the "Harval, Incorporated" facility located at 1971 Carter road, Cleveland, Ohio shall not:
The "Independence Excavating Incorporated" (OEPA premise number 1318225730) or any subsequent owner or operator of the "Independence Excavating Incorporated" facility located at 4905 Warner road, Garfield Heights, Ohio shall comply with the following requirements:

- 3745-17-12 (L) shall (OEPA premise number 1318225730) or any subsequent owner or operator of the "Independence Excavating Incorporated" facility located at 4905 Warner road, Garfield Heights, Ohio shall comply with the following requirements:
  - 3745-17-12 (L)(1) shall If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.87 pound per hour.
  - 3745-17-12 (L)(2) shall If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten percent opacity as a six-minute average.

The "Lake Erie Asphalt Products Company" (OEPA premise number 1318220278) or any subsequent owner or operator of the "Lake Erie Asphalt Products Company" facility located at 8200 Old Granger road, Garfield Heights, Ohio shall comply with the following requirements:

- 3745-17-12 (M) shall If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 0.87 pound per hour.
- 3745-17-12 (M)(1) shall For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.
- 3745-17-12 (M)(2) shall For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
- 3745-17-12 (M)(3) shall For the asphaltic concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour.
- 3745-17-12 (M)(4) shall For the rotary flux kilns A to C (OEPA source numbers P902 to P904), the particulate emissions shall not exceed 2.4 pounds per hour from each kiln.

The "ArcelorMittal Cleveland" (OEPA premise number 1318001613) or any subsequent owner or operator of the "ArcelorMittal Cleveland" facility located at 3060 Eggers avenue, Cleveland, Ohio shall comply with the following requirements:

- 3745-17-12 (P) shall For boilers A to C (OEPA source numbers B001 to B003), the particulate emissions shall not exceed 0.086 pound per million Btu of actual heat input from each boiler.
- 3745-17-12 (P)(2) shall For the paved and unpaved roadways and parking areas - east and west side (OEPA source number F001), visible particulate emissions shall not exceed five percent opacity, as determined in accordance with paragraph (B)(3) of rule 3745-17-03 of the Administrative Code.
- 3745-17-12 (P)(3) shall For the stoves stacks associated with blast furnaces C-5 and C-6 (OEPA source numbers P903 and P904), the particulate emissions shall not exceed 11.7 pounds per hour from each source.
- 3745-17-12 (P)(4) shall For the number 1 and 2 basic oxygen furnace vessels at the number 1 shop (OEPA source numbers P905 and P906), the particulate emissions from the suppressed combustion systems serving these sources shall not exceed 15.0 pounds per hour from each system.
- 3745-17-12 (P)(5) shall For the number 94 and 95 basic oxygen furnace vessels at the number 2 shop (OEPA source numbers P925 and P926), the total particulate emissions from all of the stacks of the electrostatic precipitator serving such sources shall not exceed 39.8 pounds per hour.

The "Meech Foundry, Incorporated" (OEPA premise number 1318224005) or any subsequent owner or operator of the "Meech Foundry, Incorporated" facility located at 4730 Warner road, Garfield Heights, Ohio shall comply with the following requirements:

- 3745-17-12 (R) shall For the inoculation operation associated with the cupola furnace (OEPA source number P901), the operating hours shall not exceed 0.1 hour during any calendar day.
Daily records shall be maintained for the operations identified in paragraphs (R)(2) and (R)(3) of this rule to document compliance with the specified hourly operating restrictions.

For the sand handling operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.90 pound per hour.

For the casting shakeout operation associated with the sand reclamation process (OEPA source number F001), the particulate emissions shall not exceed 0.016 pound per hour.

The total combined particulate emissions from the control equipment shall not exceed 0.11 pound per hour.

There shall be no visible particulate emissions from the cleaning room.

For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

For the asphalt concrete plant (OEPA source number P901), the particulate emissions shall not exceed 6.0 pounds per hour.

The "Standard Slag Company" (OEPA premise number 1318002662) or any subsequent owner or operator of the "Standard Slag Company" facility located at Campbell road and Harvard avenue, Cleveland, Ohio shall comply with all the following control requirements for particulate matter.

For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed six minutes during any sixty-minute observation period.

For the paved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

For the slag storage piles (OEPA source number F002), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

All of the particulate emissions from this operation shall either be vented to a baghouse or controlled by a wet suppression system.

If a baghouse is employed, the total combined particulate emissions from all stacks shall not exceed 4.9 pounds per hour.

If a wet suppression system is employed, visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

The "Stein, Incorporated" (OEPA premise number 1318003929) or any subsequent owner or operator of the "Stein, Incorporated" facility located at 3100 East 45th street, Cleveland, Ohio shall comply with both the following:

For the slag storage piles (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

For the slag processing operations (OEPA source numbers F006 and F007), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

The "Stein, Incorporated" (OEPA premise number 1318005076) or any subsequent owner or operator of the "Stein, Incorporated" facility located at 3341 Jennings road, Cleveland, Ohio shall comply with all the following emission limitations for particulate matter.

For the unpaved roadways and parking areas (OEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

For the slag unloading operation (OEPA source number F002), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

For the slag processing operation (OEPA source number F003), visible particulate emissions of fugitive dust shall not exceed ten per cent opacity as a six-minute average.

For the slag storage piles (OEPA source number F004), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.
If any unpaved roadways and parking areas, or portions thereof, identified in paragraphs (C)(1), (E), (K), and (X)(1) of this rule are paved, the paved portions of the roadways and parking areas shall be subject to a limitation of no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

The “Cyprus Amax Minerals Company” (DEPA premise number 0641000060) or any subsequent owner or operator of the “Cyprus Amax Minerals Company” facility located at 4243 County road 74, Cross Creek township, Jefferson county, Ohio shall comply with the following:

For the unpaved roadways and parking areas (DEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

For the paved roadways and parking areas (DEPA source number F001), there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

The “Mingo Junction Steel Works LLC” (DEPA premise number 0641000010) or any subsequent owner or operator of the “Mingo Junction Steel Works LLC” south facility located at 540 Commercial ave, Mingo Junction, Ohio shall comply with all the following:

For the roadways and parking areas (DEPA source number F001), this facility shall comply with the work practice plan in this appendix to rule for the control of fugitive dust.

For the hot metal transfer operation from rai-lor to charge ladle (DEPA source number F009), the particulate emissions from the baghouse serving this source shall not exceed 3.5 pounds per hour.

For the rehear furnaces number 2 through 4 (DEPA source numbers P006 to P008), the particulate emissions from each furnace shall not exceed 6.0 pounds per hour.

For the basic oxygen furnaces (DEPA source numbers P040 and P050), the total particulate emissions from the scrubbers serving these sources shall not exceed 8.86 pounds per hour.

For the desulfurization station (DEPA source number P007), the particulate emissions from the baghouse serving this source shall not exceed 19.72 pounds per hour.

Total combined emissions of PM10 from unpaved roads, parking lots, laydown, entrance, unloading areas and berms, and irregular paved surfaces, and from paved roads, which are located at the Mingo Junction facility and are identified in Sections B and C of this Appendix, shall not exceed 7.67 pounds per hour.

Compliance with the emission limitation specified in Section A.2. of this Appendix shall be determined by the methodology set forth in the U.S. Environmental Protection Agency reference document for the control of fugitive dust.

For each dust suppressant application during the initial two-month period of the dust control program, the concentrated dust suppressant shall be applied at a minimum rate of 1.0 gallon per square yard of unpaved or irregular paved surface.

The dust suppressant shall be applied at sufficient intervals and intensities after the initial two-month period as to maintain the ground inventory.

The Company shall provide for the application of dust suppressant specified in Attachment 1.

The Company shall employ dust control measures on all unpaved surfaces, and irregular paved surfaces that cannot be adequately cleaned under the provisions of Section C of this Appendix, identified in this Section and in accordance with the following:

The Company shall ensure the availability, required scheduling, and proper maintenance of spray trucks that are designed and equipped, at minimum:

These records shall include, at a minimum, the following:
shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The report shall contain the information cited above and a description of any deviations from the control program and the reasons for such deviations.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The report shall be certified to be accurate by management and shall be submitted within fifteen (15) days after the end of the quarter.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The report shall be certified to be accurate by management and shall be submitted within fifteen (15) days after the end of the quarter.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall notify the Director or his representative, in writing, of any noncompliance with Section B of this Appendix.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed report of the non-compliance.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

These records shall be retained by the Company for five (5) days of the non-compliance occurrence and shall include a detailed report of the non-compliance.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall submit to the Director or his representative an annual report which demonstrates compliance with the PM10 emission rate specified in Section A.2. of this Appendix.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The PM10 emission rate for each individual network segment identified in Attachment 1 shall be reported along with the total PM10 emission rate for the facility.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year. Each annual report shall be submitted by no later than January 31 of the succeeding year.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year. Each annual report shall be submitted by no later than January 31 of the succeeding year.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall implement the dust control measures of Section B no later than the effective date of this rule.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall employ dust control measures on all paved roads identified in this Section and in accordance with the following.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

All paved roads identified in Attachment 1 (map) of this Appendix shall be cleaned via vacuum sweeping on a daily, year-round (twelve-month) basis except.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

Daily sweeping may be suspended only when there is snow, ice, cover, or standing water on the surface. All such suspensions shall be reported and verified as required under Section C.4.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

Irregular paved surfaces that cannot feasibly or adequately be cleaned by vacuum sweeping shall be chemically sprayed in accordance with provisions of Section B.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

Compliance with Section C.1. shall be determined in accordance with procedures set forth in this Appendix.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall ensure the availability, required scheduling, and proper maintenance of vacuum sweeping trucks.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The collection hopper of the vacuum truck shall be designed and maintained so as to prevent fugitive dust emissions.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

Material collected by the vacuum sweeping truck shall be handled and disposed of in a manner that minimizes fugitive dust emissions.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The Company shall maintain daily records for the paved road cleaning program. These records shall include, at a minimum, the following.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

These records shall include, at a minimum, the following.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

These records shall be retained by the Company for five (5) years and shall be made available to the Director or his representative upon request.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

A calendar quarterly report shall be submitted to the Director or his representative.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

A calendar quarterly report shall be submitted to the Director or his representative.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

A calendar quarterly report shall be submitted to the Director or his representative.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No

The report shall contain all of the information cited above and a description of any deviation from the control program.

3704.03(E) Federal Law CAA 110(a)(1) SIP Yes - Federal No
The report shall be certified to be accurate by Company management and shall be submitted within fifteen (15) days after the end of the quarter.

The report shall be certified to be accurate by Company management and shall be submitted within fifteen (15) days after the end of the quarter.

The Company shall notify the Director or his representative, in writing, of any non-compliance with Section C of this Appendix and shall reflect the road network as it exists at the end of each calendar year.

The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year.

The report shall be certified to be accurate by Company management and shall include a detailed explanation.

Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed explanation.

Such notice shall be submitted within five (5) days of the non-compliance occurrence and shall include a detailed explanation.

The Company shall submit to the Director or his representative an annual report which demonstrates compliance with the PM10 emission rate.

The PM10 emission rate for each individual network segment identified in Attachment 1 shall be reported along with the total PM10 emission rate for each facility.

The PM10 emission rates shall be calculated using the methodology specified in Section A.3. of this Appendix and shall reflect the road network as it exists at the end of each calendar year.

Each annual report shall be submitted by no later than January 31 of the succeeding year.

The Company shall implement the dust control measures of Section C no later than the effective date of this rule.

No action shall be taken by the Company in employing the alternative practices until the Director or his representative issues a written approval to the Company.

If the Company begins to utilize any new roadway, parking lot or other vehicular activity area not shown in Attachment 1, the Company shall notify the Director.

The Director or his representative shall not be precluded from requesting adjustments, including increased chemical suppressant application or cleaning.

If the Company begins to utilize any new roadway, parking lot or other vehicular activity area not shown in Attachment 1, it shall notify the Director.

The schedule for implementing each control strategy shall commence upon a formal determination and notification by the Ohio EPA.

The control strategies and compliance schedules submitted in accordance with paragraph (A) of this rule shall be approved by the Director through the issuance of a formal determination and notification by the Ohio EPA.

The findings and orders shall be submitted to and approved by the United States environmental protection agency as a revision to the Ohio state implementation plan for particulates.

The following information shall be submitted for each source for which a control strategy is developed.

The schedule for implementing each control strategy shall be submitted for each source for which a control strategy is developed.

The schedule for implementing each control strategy shall commence upon a formal determination and notification by the Ohio EPA.

The schedule for implementing each control strategy shall commence upon a formal determination and notification by the Ohio EPA.

The owner or operator of each affected facility shall implement the set of approved control strategies and compliance schedules which are designed to reduce the hourly particulate emission rate by fifteen per cent or more.

The owner or operator of each affected facility shall implement the set of approved control strategies and compliance schedules which are designed to reduce the hourly particulate emission rate by fifteen per cent or more.
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<td>3745-17-13 Ap (C)(1)(a)</td>
<td>Required</td>
<td>Daily sweeping may be suspended only when there is snow, ice cover, or standing water on the surface. All such suspensions shall be reported and verified as required under Section C.4. (Recordkeeping and Reporting).</td>
<td>3704.03(E)</td>
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<td>3745-17-13 Ap (C)(3)(a)</td>
<td>Required</td>
<td>The Company shall ensure the availability, required scheduling, and proper maintenance of vacuum sweeping trucks. The collection hopper of the vacuum truck shall be designed and maintained so as to prevent fugitive dust emissions</td>
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<td>3745-17-13 Ap (D)(1)</td>
<td>Required</td>
<td>The Company has the right to petition the Ohio EPA for written approval of definitive treatment methods, treatment schedules and procedures or reporting requirements different from those required herein</td>
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<td>3745-17-13 Ap (D)(2)</td>
<td>Required</td>
<td>It shall notify the Director or his representative in the reports required under this Appendix</td>
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<td>3745-17-14 (A)(1)</td>
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<td>3745-17-14 (A)(2)</td>
<td>Required</td>
<td>If the required reductions cannot reasonably be obtained from those sources, control strategies may be developed for other sources at the facility in order to meet the required reductions for the facility</td>
<td>3704.03(E)</td>
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<td>3745-17-10 (B)(3)(c)</td>
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<td>3745-17-10 (C)(7)(a)(ii)</td>
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<td>3745-18-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in paragraph (B) of this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<tr>
<td>3745-18-01</td>
<td>(B)</td>
<td>shall</td>
<td>the following definitions shall apply exclusively to this chapter:</td>
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<td>3745-18-03</td>
<td>(B)(1)</td>
<td>shall</td>
<td>any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rules 3745-18-06 to 3745-18-94 of the Administrative Code shall do either of the following:</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
<td>(B)(1)(b)</td>
<td>shall</td>
<td>such certification shall include the following:</td>
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<td>3745-18-03</td>
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<td>shall</td>
<td>such application shall include a compliance program which will bring the source into full compliance with.</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<tr>
<td>3745-18-03</td>
<td>(B)(2)</td>
<td>shall</td>
<td>any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rule 3745-18-06 of the Administrative Code (Mahoning county) shall certify in writing to the director,</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
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<td>shall</td>
<td>in a form and manner the director shall specify,</td>
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<td>3745-18-03</td>
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<td>shall</td>
<td>required by paragraphs (B)(1) and (B)(2) of this rule shall include.</td>
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<td>3745-18-03</td>
<td>(B)(3)</td>
<td>shall</td>
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<td>3745-18-03</td>
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<td>which application shall include a compliance program which will bring the source into full compliance,</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
<td>(B)(5)</td>
<td>shall</td>
<td>any owner or operator of the &quot;ArcelorMittal Cleveland LLC&quot; (IDB EPA permit number 1318001613) shall do the following,</td>
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<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
<td>(C)(2)</td>
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<td>No owner or operator shall cause, permit, or allow the operation or other use...</td>
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<td>3745-18-03</td>
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<td>No owner or operator shall cause, permit, or allow the operation or other use...</td>
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<td>or who ceases operation in order to comply with the specified emission limits, shall bring any air contaminant source specified,</td>
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<td>3745-18-03</td>
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<td>(C)(6)(b)</td>
<td>shall</td>
<td>the owner or operator of a facility specified in paragraph (C)(6)(b) of this rule shall submit to the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(b)</td>
<td>shall</td>
<td>on any owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(b)</td>
<td>shall</td>
<td>the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit to the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
<td>(C)(6)(b)</td>
<td>shall</td>
<td>on any owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
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<td>3745-18-03</td>
<td>(C)(6)(b)</td>
<td>shall</td>
<td>the owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(b)</td>
<td>shall</td>
<td>on any owner or operator of a facility specified in paragraph (C)(6)(a) of this rule shall submit the director...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(vii)</td>
<td>shall</td>
<td>on any owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications,...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(viii)</td>
<td>shall</td>
<td>the owner or operator using low sulfur fuels to achieve compliance at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications,...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(x)</td>
<td>shall</td>
<td>the owner or operator installing new emission control systems, or modifying existing emission control systems in order to comply with the emission limits at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications or installations...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(6)(x)</td>
<td>shall</td>
<td>the owner or operator installing new emission control systems, or modifying existing emission control systems in order to comply with the emission limits at a facility specified in paragraph (C)(6)(a) of this rule shall complete on-site modifications or installations...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
<tr>
<td>3745-18-03</td>
<td>(C)(7)(a)</td>
<td>shall</td>
<td>any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source into compliance with the limits specified in...</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
</tr>
</tbody>
</table>
3745-18-03 (C)(7)(a) Shall ... any owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified therein shall complete on-site modifications...

3745-18-03 (C)(7)(b)(i) Shall ... the owner or operator of a facility specified therein shall submit to the director a ten year projection of the amount of fuels...

3745-18-03 (C)(7)(b)(ii) Shall ... the owner or operator of a facility specified therein shall submit to the director a statement...

3745-18-03 (C)(7)(b)(iii) Shall ... the owner or operator of a facility specified therein shall submit to the director final plans...

3745-18-03 (C)(7)(b)(iv) Shall ... the owner or operator utilizing low sulfur fuel to achieve compliance at a facility specified therein shall complete on-site modifications...

3745-18-03 (C)(7)(b)(v) Shall ... any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source into compliance with the limits specified...

3745-18-03 (C)(7)(b)(vii) Shall ... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall complete on-site modifications...

3745-18-03 (C)(7)(b)(viii) Shall ... the owner or operator installing new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall achieve final compliance with...

3745-18-03 (C)(8)(a) Shall ... any owner or operator who utilizes low sulfur fuels, or who installs new emission control systems, or who modifies existing emission control systems, or who ceases operation in order to comply with the specified emission limits, shall bring any subject air contaminant source into compliance with the limits specified...

3745-18-03 (C)(8)(b)(i) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall complete on-site modifications...

3745-18-03 (C)(8)(b)(ii) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director a ten year projection of the amount of fuels...

3745-18-03 (C)(8)(b)(iii) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director final plans...

3745-18-03 (C)(8)(b)(iv) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director award contracts for necessary boiler or emission control modifications...

3745-18-03 (C)(8)(b)(v) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall initiate on-site modifications...

3745-18-03 (C)(8)(b)(vi) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall achieve final compliance with...

3745-18-03 (C)(8)(b)(vii) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall install new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall complete on-site modifications...

3745-18-03 (C)(8)(b)(viii) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall install new emission control systems, or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall achieve final compliance with...

3745-18-03 (C)(8)(b)(ix) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall install new emission control systems or modifying existing emission control systems in order to achieve compliance at a facility specified therein shall achieve final compliance with...

3745-18-03 (C)(9)(a) Shall ... the owner or operator of a facility specified in paragraph (C)(8)(a) of this rule shall submit to the director the final control plan...

3745-18-03 (C)(9)(b)(i) Shall ... the owner or operator of a facility shall submit to the director a final control plan...

3745-18-03 (C)(9)(b)(ii) Shall ... the owner or operator of the facility shall negotiate and sign all necessary contracts...

3745-18-03 (C)(9)(b)(iii) Shall ... the owner or operator of the facility shall complete construction...

3745-18-03 (C)(9)(b)(iv) Shall ... the owner or operator of the facility shall certify compliance to the director in accordance with paragraph (B) of this rule.

3745-18-03 (D)(1) shall Any owner or operator of an air contaminant source specified shall notify the director of the selected emission limits...

3745-18-03 (D)(2)a shall The owner or operator shall notify the director of the selected alternative emission limits...
3745-18-03 (D)(2)(a) shall ... and shall bring any subject source into compliance with the selected alternative emission limits as expeditiously as practicable,...

3745-18-03 (D)(2)(b) shall ... such owner or operator shall notify the director at least ninety days prior to the intended date of final compliance with...

3745-18-03 (D)(2)(b) shall Any air contaminant source having alternative emission limits shall continuously comply...

3745-18-04 (A) shall ... the non-continuous test methods used for determining compliance with the allowable emission limits in rules 3745-18-06 to 3745-18-94 of the Administrative Code shall be those specified...

3745-18-04 (B) shall The test methods and procedures used for determining compliance with the allowable emission limits for any sulfur recovery plant shall be those specified in 40 CFR 60.85. If...

3745-18-04 (C) shall The test methods and procedures used for determining compliance with the allowable emission limit for any sulfuric acid production unit or any primary zinc smelter shall be those specified in 40 CFR 60.85.

3745-18-04 (D) shall ...the text methods and procedures used for determining compliance with the allowable emission limit for any fuel burning equipment burning coal shall be one of the following:

3745-18-04 (D)(2) shall Emission rates shall be determined using methods specified in...

3745-18-04 (D)(2) shall ...Compliance with the applicable sulfur dioxide emission limitation shall be based on daily calculations using an arithmetic average of all data available for the preceding thirty day period.

3745-18-04 (D)(3) shall The representative sulfur dioxide emission rate from any sample shall be calculated using...

3745-18-04 (D)(3) shall Coal monitoring and compliance determination procedures shall include the following:

3745-18-04 (D)(3)(a) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average...

3745-18-04 (D)(3)(b) shall Such composite samples shall be composed of either periodic as-fired samples,...

3745-18-04 (D)(3)(b) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.

3745-18-04 (D)(3)(c) shall Fuel supplier analyses shall be obtained for each shipment received during the calendar month.

3745-18-04 (D)(3)(c) shall Coal monitoring and compliance determination procedures shall be determined based on the weighted arithmetic average of all fuel supplier analyses for each calendar month.

3745-18-04 (D)(3)(c) shall For any fuel burning equipment burning coal at the following sources, compliance with the applicable sulfur dioxide emission limits shall be determined using...

3745-18-04 (D)(5)(a) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of the preceding thirty consecutive daily sample analyses.

3745-18-04 (D)(5)(a) shall Such composite samples shall be composed of either periodic as-fired samples,...

3745-18-04 (D)(5)(b) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.

3745-18-04 (D)(5)(b) shall Fuel supplier analyses shall be obtained for each shipment received during the calendar month.

3745-18-04 (D)(5)(c) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of the preceding thirty consecutive daily sample analyses.

3745-18-04 (D)(5)(c) shall Coal monitoring and compliance determination procedures shall include the following:

3745-18-04 (D)(5)(c)(i) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of the preceding thirty consecutive daily sample analyses.

3745-18-04 (D)(5)(c)(i) shall Coal monitoring and compliance determination procedures shall be determined based on the analysis of each monthly composite sample.

3745-18-04 (D)(5)(c)(ii) shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the analysis of each monthly composite sample.

3745-18-04 (D)(5)(c)(iii) shall Fuel supplier analyses shall be obtained for each shipment received during the calendar month.

3745-18-04 (D)(6) shall Compliance with the applicable sulfur dioxide emission limits shall be determined based on daily average calculations.

3745-18-04 (D)(6) shall ...Hamilton county emission limits, emission tracking, recordkeeping, and reporting requirements shall be one of the following:

3745-18-04 (D)(8)(a) shall ...the representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in...

3745-18-04 (D)(8)(b) shall Fuel supplier analyses shall be obtained for each shipment received.

3745-18-04 (D)(8)(b) shall The representative sulfur dioxide emission rate from any sample or fuel supplier analysis shall be calculated using the formulas in paragraph (F) of this rule.

3745-18-04 (D)(8)(c) shall Fuel supplier analyses shall be obtained for each shipment received.

3745-18-04 (D)(8)(c) shall The representative sulfur dioxide emission rate from any sample or fuel supplier analysis shall be calculated using the formulas in paragraph (F) of this rule.
shall The coal sample shall consist of at least one sample increment per boiler and each increment shall weigh a minimum of five pounds each.

shall The coal sample shall consist of at least one sample increment per boiler and each increment shall weigh a minimum of five pounds each.

shall Any owner or operator required to perform emissions tracking pursuant to paragraph (D)(8)(b) of this rule shall maintain such records.

shall ...records for a period of not less than three years and shall make such records available for inspection by and submit to the director upon request.

shall compliance with the applicable sulfur dioxide emission limits shall be determined using one of the following methods:

shall Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.

shall Compliance with the applicable sulfur dioxide emission limits shall be based on daily average calculations.

shall The representative sulfur dioxide emission rate from any sample shall be calculated using the...

shall Coal monitoring and compliance determination procedures shall include the following:

shall Compliance with the applicable sulfur dioxide emission limits shall be determined based on a daily average.

shall Such composite samples shall be composed of either periodic as-fired samples, with the collection frequency determined by the director, or...

shall Compliance with the applicable sulfur dioxide emission limits shall be determined based on the analysis of each monthly composite sample.

shall Fuel supplier analyses shall be obtained for each shipment received during...

shall Compliance with the applicable sulfur dioxide emission limit shall be determined based on the weighted arithmetic average of all fuel supplier analyses for each calendar month.

shall ...compliance with the applicable sulfur dioxide emission rates specified in paragraphs (I)(4) to (I)(6) of rule 3745-18-49 of the Administrative Code shall be demonstrated by calculating...

shall Emissions shall be calculated for each operating hour by multiplying the heat input times the applicable emission rate in pounds of sulfur dioxide per MM Btu.

shall The emission rate shall be determined in accordance with paragraph (F) of this rule.

shall The average emission rate shall be calculated using the following equation:

shall A value of $E_{\text{avg}}$ shall be calculated for each operating day and the twenty-nine preceding operating days...

shall A value of $E_{\text{avg}}$ shall be computed for each operating day and the twenty-nine preceding operating days...

shall Emissions shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.

shall Compliance with the applicable sulfur dioxide emission limitation shall be based on daily calculations using an arithmetic average of all data available for the preceding thirty-day period.

shall The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.

shall The sampling frequency shall be, at a minimum, such that a sulfur dioxide emission rate representative of...
The representative sulfur dioxide emission rate from any sample shall be calculated using the formulas in paragraph (F) of this rule.

§ 3745-18-04 (E)(5) shall Hamilton county emission limits, compliance with the applicable sulfur dioxide emission limits shall be determined using stack gas sampling using USEPA methods 1 to 4 and 6, 6A, 6B or 6C.

§ 3745-18-04 (E)(6) shall the sampling frequency shall be, at a minimum, such that at least one analysis is obtained from each shipment of fuel.

§ 3745-18-04 (E)(7) shall A determination of noncompliance pursuant to any of these methods shall not be refused by evidence of compliance pursuant to any other of these methods.

§ 3745-18-04 (E)(7)(b) shall Emission rates shall be determined using methods specified in 40 CFR 60.45 and 40 CFR 60.47a, 40 CFR 60.47b or 40 CFR 60.47c.

§ 3745-18-04 (E)(7)(c) shall The combined allowable sulfur dioxide emission limit for these processes for any hour shall be the sum of the individual allowable sulfur dioxide emission limits for those processes for that hour.

§ 3745-18-04 (F) shall The combined allowable sulfur dioxide emission limit for these processes for any rolling three hour period shall be the average of the three, one hour allowable limits comprising the three hour period.

§ 3745-18-04 (G) shall The representative sulfur dioxide emission rate from any sample shall be calculated as follows:

§ 3745-18-04 (H) shall Any owner or operator of any sulfur dioxide emissions source subject to, and not specifically exempted from, rules 3745-18-06 to 3745-18-09 of the Administrative Code shall document compliance with any applicable operating rate limits and...

§ 3745-18-04 (I) shall Nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 5704.03 of the Revised Code.

§ 3745-18-04 (J) shall The plan shall include an air quality and meteorological measurement network consistent with the objective of...
3745-18-06 (G) shall ... no owner or operator of any stationary internal combustion engine shall cause or permit the... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-06 (H) shall Notwithstanding the provisions of paragraphs (D) to (G) of this rule, the requirements of 40 CFR Part 60 shall be followed where applicable. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-01 (C)(2)(h) must 40 CFR 63.7500, "What emission limitations, work practice standards, and operating limits must I meet?" as published in the July 1, 2016 Code of Federal Regulations. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-04 (I) require nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 3704.03 of the Revised Code to require performance testing... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-04 (I) require performance testing, continuous emission monitoring, or fuel sampling or to require record-keeping and reporting of emission information. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal yes

3745-18-05 (A) require The director may require, under the authority of section 3704.03 of the Revised Code, any owner or operator responsible for any source of sulfur dioxide emissions... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-05 (B) require The director may issue additional orders pursuant to this paragraph to require that a previously submitted plan be clarified, updated, corrected, supplemented, or otherwise amended. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal yes

3745-18-05 (E) require Nothing in this rule shall be interpreted to prevent the director from issuing orders pursuant to section 3704.03 of the Revised Code to require the installation, operation, and maintenance of... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-05 (H) require or to require record-keeping and reporting of information without first issuing an order pursuant to paragraph (B) of this rule. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-03 (B)(3) required Any owner or operator required to perform emissions tracking pursuant to paragraph (D)(3) of this rule shall maintain... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-07 (A) shall No owner or operator of any coal-fired steam generating unit in Adams county, unless otherwise specified in this rule, shall cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-07 (B) shall not the "DP&L, J. M. Stuart Generating Station," Aberdeen, Ohio shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated: 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-07 (C) shall not the "Dayton Power and Light Company, Killen Electric Generating Station," (OEPa premise number 0701000060) or any subsequent owner or operator of the "Dayton Power and Light Company, Killen Electric Generating Station," Monroe Township, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-08 (A) shall not No owner or operator of any coal-fired steam generating unit in Allen county, unless otherwise specified in this rule, shall cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-08 (C) shall not the "Lima Refining Company," Lima, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-08 (D) shall not the "PCS Nitrogen Ohio L.P." (OEPa premise number 03020200370) or any subsequent owner or operator of the "PCS Nitrogen Ohio L.P., Fort Amanda and Adgate Roads, Lima, Ohio" shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-08 (H) shall not the "Chemtrade Logistics, Inc.," (OEPa premise number 03020000001) or any subsequent owner or operator of the "Chemtrade Logistics, Inc.," Cairo, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-08 (I) shall not the "Joint Systems Manufacturing Center" (OEPa premise number 0302020012) or any subsequent owner or operator of the "Joint Systems Manufacturing Center," Lima, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-09 shall No owner or operator of any coal-fired steam generating unit in Ashtabula county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.2 pounds of sulfur dioxide per MM Btu actual heat input. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-10 (A) shall No owner or operator of any coal-fired steam generating unit in Ashtabula county, unless otherwise specified in this rule, shall cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-10 (H) shall not the "EMC Ashtabula, LP" (OEPa premise number 02040100003) or any subsequent owner or operator of the "EMC Ashtabula, LP" facility located in Ashtabula, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-11 (A) shall No owner or operator of any coal-fired steam generating unit in Athens county, unless otherwise specified in this rule, shall cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-11 (C) shall not the "Ohio University-Lausche Heating Plant" (OEPa premise number 0605010016) or any subsequent owner or operator of the "Ohio University-Lausche Heating Plant, Factory Street, Athens, Ohio" shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-12 shall No owner or operator of any coal-fired steam generating unit in Auglaize county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input. 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-13 (A) shall No owner or operator of any coal-fired steam generating unit in Belmont county, unless otherwise specified in this rule, shall cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-13 (C) shall not the "4K Industrial Park LLC," facility located in Martins Ferry, Ohio shall not cause or permit... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-13 (C) shall ... and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any... 704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal
No owner or operator of any coal-fired steam generating unit in Brown county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Butler county, unless otherwise specified in this rule, shall cause or permit...

No owner or operator of any coal-fired steam generating unit in Carroll county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Champaign county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Clark county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Clermont county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Clinton county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Cuyahoga county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit greater than three hundred fifty MM Btu actual heat input in Cuyahoga county, unless otherwise specified in this rule, shall cause or permit the emission of...
No owner or operator of any coal-fired steam generating unit between ten MM Btu per hour and three hundred fifty MM Btu per hour in Cuyahoga county, unless otherwise specified in this rule, shall cause or permit the emission of...

The "Cleveland Thermal, LLC" (OEPA premise number 1318000246) or any subsequent owner or operator of the "Cleveland Thermal, LLC, 2274 Canal Road, Cleveland, Ohio" shall not cause or permit the emission of...

The "NASA John H. Glenn Research Center" (OEPA premise number 1318001169) or any subsequent owner or operator of the "NASA John H. Glenn Research Center, 21000 Brookpark Road, Cleveland, Ohio" shall not cause or permit the emission of...

The "AcxcelMittal Cleveland LLC" (OEPA premise number 1318001613) or any subsequent owner or operator of the "AcxcelMittal Cleveland LLC, 3060 Eggers Avenue, Cleveland, Ohio" shall not cause or permit the emission of...

...and shall limit the operation of said sources such that the indicated average sulfur dioxide emission rates are not exceeded for any calendar day:

No owner or operator of any coal-fired steam generating unit in Darke county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input...

No owner or operator of any coal-fired steam generating unit in Delafield county, unless otherwise specified in this rule, shall cause or permit the emission of...

The "Richland Substation Peaker Facility" (OEPA premise number 0210010006) or any subsequent owner or operator of the "Richland Substation Peaker Facility" facility located on Carpenter road, Defiance, Ohio shall not cause or permit the emission of...

No owner or operator of any coal-fired steam generating unit in Delaware county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input...

No owner or operator of any coal-fired steam generating unit in Erie county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed...

For fossil fuel-fired steam generating units between 10.0 and 50.0 MM Btu per hour total rated heat input capacity, the emission rate in pounds of sulfur dioxide per MM Btu actual heat input shall be calculated by the following equation:

For fossil fuel-fired steam generating units equal to or greater than 50.0 MM Btu per hour total rated heat input capacity, the emission limitation shall be 1.50 pounds of sulfur dioxide per MM Btu actual heat input.

Except as otherwise provided in this rule, no owner or operator of any process equipment shall cause or permit the emission from...

The "Ohio ANG 121st Refueling Wing" (OEPA premise number 0125008827) or any subsequent owner or operator of the "Ohio ANG 121st Refueling Wing," Columbus, Ohio shall not cause or permit the emission of...

...and shall limit the operation of said sources such that the indicated average sulfur dioxide emission rates are not exceeded for any calendar day:

...and shall limit the operation of said sources such that the indicated average sulfur dioxide emission rates are not exceeded for any calendar day:
The "Ross Products - Division of Abbott" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Ross Products - Division of Abbott, 625 Cleveland Avenue, Columbus, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Twin Valley Behavioral Healthcare" (OEPA premise number 0125040589) or any subsequent owner or operator of the "Twin Valley Behavioral Healthcare," Columbus, Ohio shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Anheuser-Busch Columbus Brewery" (OEPA premise number 0125040554) or any subsequent owner or operator of the "Anheuser-Busch Columbus Brewery, 700 Schock Road, Columbus, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Ohio Valley Electric Corporation, Kyger Creek Station" (OEPA premise number 0627000003) or any subsequent owner or operator of the "Ohio Valley Electric Corporation, Kyger Creek Station" located in Cheshire, Ohio shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "General James M. Gavin Power Plant" (OEPA premise numbers 0627000003) or any subsequent owner or operator of the "General James M. Gavin Power Plant" located in Cheshire, Ohio shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Wright-Patterson Air Force Base" (OEPA premise number 0829810165) or any subsequent owner or operator of the "Wright-Patterson Air Force Base" facility located in building 32040, Bath, Ohio shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "CEMEX" (OEPA premise number 0627000003) or any subsequent owner or operator of the "CEMEX" facility located at 3250 Linebaugh Rd, Xenia, Ohio shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Fulton county shall cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Gallia county, unless otherwise specified in this rule, shall cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Guernsey county shall cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Greene county, unless otherwise specified in this rule, shall cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

"Use stacks no lower than the stack heights indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:

The "Emerald Performance Materials, LLC" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Emerald Performance Materials, LLC, 2235 Langdon Farm Road, Cincinnati, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Emerald Performance Materials, LLC" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Emerald Performance Materials, LLC, 2235 Langdon Farm Road, Cincinnati, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "University of Cincinnati" (OEPA premise number 0125040319) or any subsequent owner or operator of the "University of Cincinnati, Clifton Campus, Cincinnati, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Ford Motor Company" (OEPA premise number 0125040319) or any subsequent owner or operator of the "Ford Motor Company, 8000 Sharon Road, Sharonville, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "General Electric Aviation, Evendale Plant" (OEPA premise number 0125040319) or any subsequent owner or operator of the "General Electric Aviation, Evendale Plant, One Neumann Way, Cincinnati, Ohio" shall not cause or permit the emission of... (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

"Use stacks no lower than the stack heights indicated and shall limit the operation of said sources such that the indicated average operating rates are not exceeded for any calendar day:

... and shall limit the operation of boiler numbers 2 and 3 (OEPA source numbers B002 and B003) such that their combined average operating rate of two hundred forty-four MM Btu per hour for any calendar day. (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

... and shall limit the operation of boiler numbers 2 and 3 (OEPA source numbers B002 and B003) such that their combined average operating rate of two hundred forty-four MM Btu per hour for any calendar day. (7704.03)(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal
...and shall limit the operation of boiler numbers 6 and 8 (OEPA source numbers B008 and B009) such that their combined average operating rate shall not exceed two hundred forty-four MM Btu per hour for any calendar day.

...and shall limit the operation of boiler numbers 6 and 8 (OEPA source numbers B008 and B009) such that their combined average operating rate shall not exceed two hundred forty-four MM Btu per hour for any calendar day.

The "Miami Fort Power Station" (OEPA premise number 1431350093) or any subsequent owner or operator of the "Miami Fort Power Station, 11021 Brower Road, North Bend Ohio" shall not cause or permit the emission of...

...and shall use stacks no lower than the stack height indicated.

...and shall use a stack no lower than two hundred thirteen feet above ground level.

The "Chemours Fort Hill Plant" (OEPA premise number 1431350817) or any subsequent owner or operator of the "Chemours Fort Hill Plant, Brower Road, Miami, Ohio" shall not cause or permit the emission of...

...and shall use a stack no lower than three hundred feet above ground level.

No owner or operator of any coal-fired steam generating unit in Hancock county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Hardin county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Harrison county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Henry county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Highland county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Hocking county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Holmes county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Huron county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any coal-fired steam generating unit in Jackson county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.

No owner or operator of any oil-fired steam generating unit in Jefferson county, unless otherwise specified in this rule, shall cause or permit the emission of...

No owner or operator of any oil-fired steam generating unit in Jefferson county, unless otherwise specified in this rule, shall cause or permit the emission of...

No owner or operator of a by-product coke oven for a facility in Jefferson county which utilizes by-product coke oven gas shall cause or permit the combustion of...

The "Cardinal Power Plant" (OEPA premise number 0641050002) or any subsequent owner or operator of the "Cardinal Power Plant," Brilliant, Ohio shall not cause or permit emissions of...

The "W.H. Sammis Plant" (OEPA premise number 0641160013) or any subsequent owner or operator of the "W.H. Sammis Plant, 29503 State Route 7, Stratton, Ohio" shall not cause or permit the emission of...

The "W.H. Sammis Plant" shall notify the director and the administrator at least...

The "W.H. Sammis Plant" shall comply with either this paragraph or paragraphs (1)(3) and (1)(4) of this rule.
No owner or operator of any coal-fired steam generating unit in Knox county shall cause or permit the emission of sulfur dioxide from any source to exceed the maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.  

No owner or operator of any coal-fired steam generating unit in Lake county, unless otherwise specified in this rule, shall cause or permit the emission of...

The combined allowable emissions from processes "M", "N", "O", "W" and "AC" (OEPA source numbers P012 to P014, P022 and P030) for any hour shall be the sum of...

No owner or operator of any coal-fired steam generating unit in Lake county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.  

No owner or operator of any coal-fired steam generating unit in Lawrence county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.  

No owner or operator of any coal-fired steam generating unit in Licking county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.  

The emission limit for sources greater than, or equal to, 100.0 MM Btu per hour total rated capacity shall be calculated from the following equation:

No owner or operator of any coal-fired steam generating unit in Logan county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.  

The "Avon Lake Power Plant, 33570 Lake Road, Avon Lake, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the combustion of...  

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of...

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of...

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:

... or any subsequent owner or operator of the "Republic Engineered Products, Inc., 1807 East 28th Street, Lorain, Ohio" shall not cause or permit the emission of sulfur dioxide from the following sources to exceed the amounts indicated:
The Toledo Refining Company, LLC (OEPA premise number 0448012046) or any subsequent owner or operator of the "Toledo Refining Company, LLC, 1819 Woodville Road, Oregon, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 1.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The BP Husky Refining LLC (OEPA premise number 0448020007) or any subsequent owner or operator of the "BP Husky Refining LLC, Toledo Refinery, Cedar Point Road, Oregon, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Chemtrade Refinery Solutions Limited Partnership" (OEPA premise number 0446000003) or any subsequent owner or operator of the "Chemtrade Refinery Solutions Limited Partnership, 1400 Otter Creek Road, Oregon, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 1.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "General Motors LLC - Toledo" (OEPA premise number 0448012046) or any subsequent owner or operator of the "General Motors LLC, Toledo, 1455 West Alexis Road, Toledo, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 1.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Medina county shall cause or permit the emission of sulfur dioxide from any source to exceed the maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Mahoning county, unless otherwise specified in this rule, shall cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Piqua Municipal Power System" (OEPA premise number 0855100041) or any subsequent owner or operator of the "Piqua Municipal Power System" facility located at 919 South Main Street, Piqua, Ohio shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 5.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Montgomery county, unless otherwise specified in this rule, shall cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Monroe county, unless otherwise specified in this rule, shall cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Medina county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 6.1 pounds of sulfur dioxide per MM Btu actual input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Whitacre-Greer Fireproofing Company" (OEPA premise number 0250000005) or any subsequent owner or operator of the "Whitacre-Greer Fireproofing Company, 1400 South Mahoning Avenue, Alliance, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed the maximum of 6.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Youngstown Thermal" (OEPA premise number 0251100004) or any subsequent owner or operator of the "Youngstown Thermal, 205 North Avenue, Youngstown, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The "Ormet Primary Aluminum Corporation" (OEPA premise number 0656000001) or any subsequent owner or operator of the "Ormet Primary Aluminum Corporation, Ohio Route 7, Hannibal, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Mercer county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 8.0 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

The DP&L Tait Generating Station (OEPA premise number 0857043333) or any subsequent owner or operator of the "DP&L Tait Generating Station, 2101 Arbor Blvd, Moraine, Ohio" shall not cause or permit the emission of:

- Sulfur dioxide from any source to exceed a maximum of 0.8 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Meigs county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Monroe county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 6.1 pounds of sulfur dioxide per MM Btu actual input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

No owner or operator of any coal-fired steam generating unit in Minford county shall cause or permit the emission of sulfur dioxide from any source to exceed the maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal
3745-18-63 (M) shall not ... any subsequent owner or operator of the "Dayton Power and Light Company, O.H. Hutchings Station, 9200 Chautauqua Road, Miamisburg, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-63 (N) shall not ... any subsequent owner or operator of the "Dayton Power and Light Company, Yankee Street Generating Station, 9765 Yankee Road, Dayton, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-63 (T) shall not The "Tate & Lyle, Incorporated" (DEPA数字ID 0057954.133) or any subsequent owner or operator of the "Tate & Lyle, Incorporated, 5600 Brentlinger Drive, Dayton, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-64 shall No owner or operator of any coal-fired steam generating unit in Morgan county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-65 shall No owner or operator of any coal-fired steam generating unit in Morrow county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-66 (A) shall No owner or operator of any coal-fired steam generating unit in Muskingum county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-66 (E) shall not ... any subsequent owner or operator of the "Owens Brockway Glass Containers - Plant #12, 1700 State Street, Zanesville, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-67 shall No owner or operator of any coal-fired steam generating unit in Noble county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-68 (A) shall No owner or operator of any coal-fired steam generating unit in Ottawa county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-68 (C) shall not ... any subsequent owner or operator of the "Graymont Dolime (OH), Inc. "facility located at 21880 West State Route Number 163, Genoa, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-69 (A) shall No owner or operator of any coal-fired steam generating unit in Paulding county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-69 (B) shall not ... any subsequent owner or operator of the "Lafarge North America" facility located on County road 176, Paulding, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-70 shall No owner or operator of any coal-fired steam generating unit in Perry county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-71 shall No owner or operator of any coal-fired steam generating unit in Pickaway county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-72 shall No owner or operator of any coal-fired steam generating unit in Pike county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.0 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-73 shall No owner or operator of any coal-fired steam generating unit in Portage county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-74 shall No owner or operator of any coal-fired steam generating unit in Preble county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-75 shall No owner or operator of any coal-fired steam generating unit in Putnam county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 1.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-76 shall No owner or operator of any coal-fired steam generating unit in Richland county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 7.1 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-77 (A) shall No owner or operator of any coal-fired steam generating unit in Ross county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-77 (B) shall not ... any subsequent owner or operator of the "P.A. Gliddettler Company - Chilcothe facility" located on East Eighth Street, Chillicothe, Ohio shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-78 (A) shall No owner or operator of any coal-fired steam generating unit in Sandusky county, unless otherwise specified in this rule, shall cause or permit the emission of sulfur dioxide from any source to... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-78 (B) shall not ... any subsequent owner or operator of the "Carmeuse Lime, Inc., Millersville Operations, 3944 County Road Number 4, Millersville, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal

3745-18-78 (E) shall not ... any subsequent owner or operator of "Martin Marietta Magnesia Specialties, Inc., 755 Lime Road, Woodville, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes - SIP Yes - Federal
No owner or operator of any coal‐fired steam generating unit in Scioto county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 6.9 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Carmeuse Ohio, Inc." facility located in Bettsville, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Webster Manufacturing" facility located on Hall street, Tiffin, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of any coal‐fired steam generating unit in Scioto county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of a facility in Stark county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Canton Drop Forge" facility located at 4575 Southwest South Street, Canton, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Greif Packaging, LLC" facility located at 9420 Warming Rd. SW, Massillon, Ohio shall not cause or permit... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Republic Steel‐Massillon" facility located at 401 Rose Avenue, Southeast, Massillon, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of any process equipment shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Cargill, Incorporated ‐ Salt Division, 2065 Manchester Road, Akron, Ohio" shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Emerald Performance Materials, LLC, West Emerging Avenue, Akron, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of any applicable unit in Summit county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Largest, Incorporated ‐ Salt Division, 2065 Manchester Road, Akron, Ohio" shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "ArcelorMittal Warren" facility located on Main street, Warren, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of any coal‐fired steam generating unit in Tuscarawas county, unless otherwise specified in this rule, shall cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Dover Municipal Light Plant" facility located at 303 East Broadway, Dover, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

No owner or operator of any coal‐fired steam generating unit in Union county shall cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input. 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... or any subsequent owner or operator of the "Bunge North America" facility located at 234 South Jefferson, Delphos, Ohio shall not cause or permit the emission of... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal

... and shall operate said boiler such that the following average operating rates are not exceeded for any calendar day... 3704.03(E) Fed CAA 110(a)(2) Yes ‐ SIP Yes ‐ Federal
<table>
<thead>
<tr>
<th>Rule</th>
<th>Text</th>
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<th>Reference</th>
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<tr>
<td>3745-18-88</td>
<td>No owner or operator of any coal-fired steam generating unit in Vinton county <strong>shall</strong> cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.</td>
<td>4.5 pounds</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-89</td>
<td>No owner or operator of any coal-fired steam generating unit in Warren county <strong>shall</strong> cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 3.6 pounds of sulfur dioxide per MM Btu actual heat input.</td>
<td>3.6 pounds</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-90</td>
<td>No owner or operator of any coal-fired steam generating unit in Washington county <strong>shall</strong> cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 4.5 pounds of sulfur dioxide per MM Btu actual heat input.</td>
<td>4.5 pounds</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-91 (A)</td>
<td>No owner or operator of any coal-fired steam generating unit in Wayne county, unless otherwise specified in this rule, <strong>shall</strong> cause or permit the emission of...</td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-91 (E)</td>
<td><strong>shall not</strong>...or any subsequent owner or operator of the “Department of Public Utilities, City of Orrville, Ohio” located at 1100 Perry street, Orrville, Ohio <strong>shall not</strong> cause or permit the emission of...</td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-91 (F)</td>
<td><strong>shall not</strong>...or any subsequent owner or operator of the “Morton Salt, Inc.,” facility located at 151 South Industrial street, Rittman, Ohio <strong>shall not</strong> cause or permit the emission of...</td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-92 (A)</td>
<td>No owner or operator of any coal-fired steam generating unit in Williams county, unless otherwise specified in this rule, <strong>shall cause or permit the emission of...</strong></td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-92 (B)</td>
<td><strong>shall not</strong>...or any subsequent owner or operator of the “Stryker Substation Peaker” facility located on 101 Railroad street, Stryker, Ohio <strong>shall not</strong> cause or permit the emission of...</td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-92 (C)</td>
<td><strong>shall not</strong>...or any subsequent owner or operator of the “Bryan Municipal Light and Water Utilities” facility located at 225 South Emmett street, Bryan, Ohio <strong>shall not</strong> cause or permit the emission of...</td>
<td></td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-93</td>
<td>No owner or operator of any coal-fired steam generating unit in Wood county <strong>shall</strong> cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.</td>
<td>2.6 pounds</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-18-94</td>
<td>No owner or operator of any coal-fired steam generating unit in Wyandot county <strong>shall</strong> cause or permit the emission of sulfur dioxide from any source to exceed a maximum of 2.6 pounds of sulfur dioxide per MM Btu actual heat input.</td>
<td>2.6 pounds</td>
<td>3704.03(E) Fed CAA 110(a)(2)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
</tr>
<tr>
<td>------------</td>
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<td>-------------</td>
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<td>---------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>3745-19-01</td>
<td>(B)(2)</td>
<td>shall</td>
<td>any such municipal corporation shall be required to comply with the requirements</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-02</td>
<td>(B)</td>
<td>shall</td>
<td>no open burning shall be conducted in an area where an air alert, warning, or emergency under Chapter 3745-25 of the Administrative Code is in effect.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 1</td>
<td>shall</td>
<td>All material to be burned shall be dry and in a state to sustain good combustion.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 2</td>
<td>shall</td>
<td>The accumulation and open burning with air curtain destructors (ACDs) of storm debris shall be allowed by municipalities upon receipt of written permission from Ohio EPA</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 3</td>
<td>shall</td>
<td>The material to be burned shall be limited to vegetative material, trees, and other type of health care facility.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 4</td>
<td>shall</td>
<td>The ACD shall be at least 0.5 mile from any hospital, day care, nursing home or any other type of health care facility.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 5</td>
<td>shall</td>
<td>The fuel shall be sufficient for their intended purpose.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 6</td>
<td>shall</td>
<td>The maximum width shall be less than ten feet.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 7</td>
<td>shall</td>
<td>The notice shall include, at a minimum, the address of the property at which the fire will occur, the name of the property owner, and the name of the person performing the burning.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 8</td>
<td>shall</td>
<td>The person making the notification shall provide reasonable notification to populations potentially impacted by the smoke</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
<tr>
<td>3745-19-03</td>
<td>Appendix 9</td>
<td>shall</td>
<td>The person making the notification shall provide information on the weather, smoke conditions, and the fire.</td>
<td>3704.03(E)</td>
<td>Federal</td>
</tr>
</tbody>
</table>
shall provide this information to the appropriate Ohio EPA district office or local air agency within ten days upon request.

shall be provided to Ohio EPA representatives at any time during the fire.

shall be attended at all times while burning is occurring.

material be loaded into the air curtain burner such that be used only for the disposal of land clearing wastes

be performed within one hundred eighty days of notification

be in such form and contain such information

be granted permission to open burn be grounds for revocation

be in such form and contain such information

be notified by the Ohio EPA regarding the following

be notified to the applicant in this effect.

shall be opened for the following purposes, 3745-19-0

be attended at all times during burning.

be notified at least twenty-four hours

shall be attended at all times while burning is occurring.

be maintained at a minimum of ten feet below the ground line in diameter.

be contained, at a minimum, the following information:

be completed not less than sixty minutes prior to sunset.

The air curtain burner shall be attended at all times while burning is occurring.

be loaded into the air curtain burner such that

be attended at all times while burning is occurring

be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.

shall be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.

be loaded into the air curtain burner such that

be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.

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be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.

be maintained at a minimum of ten feet below the ground line in diameter.
3745-19-03 APP. (cont) 2 must Otherwise, the ACD must remain in operation until the fire has been completely extinguished.

3745-19-03 APP. (cont) 3 must The community must have personnel present at all times

3745-19-04 APP. (cont) 6 must and must apply for and obtain a title V permit as required in Chapter 3745-77 of the Administrative Code.

3745-19-04 (C) not must a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (C)(6)(a) must air curtain burners are subject to and must fulfill the requirements of the Title V permitting program

3745-19-04 (C)(6)(b) not must apply for and obtain a Title V permit as required in Chapter 3745-77 of the Administrative Code.

3745-19-04 (D) not must be obtained for each specific project.

3745-19-03 (B)(3) require or explosive devices that require immediate action to prevent endangerment of human health

3745-19-03 (B)(4) require or explosive devices that require immediate action to prevent endangerment of human health

3745-19-03 (B)(5) shall not paragraphs (B)(1), (B)(2) and (B)(4) of this rule shall not be considered working days.

3745-19-03 (B)(6) shall not paragraphs (B)(1), (B)(2) and (B)(4) of this rule shall not be used for waste disposal purposes. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (B)(6) not shall not (B)(2) and (B)(5) of this rule require or explosive devices that require immediate action to prevent endangerment of human health. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (B)(3)(f) not and a title V permit as required in Chapter 3745-77 of the Administrative Code.

3745-19-03 (B)(1) shall not Any such municipal corporation shall be required to comply with the requirements of rule 3745-19-03 of the Administrative Code. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-01 (A)(2) required shall not and legal holidays shall not be considered working days. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-05 (A)(6) shall not Permission to open burn shall not be granted unless the applicant demonstrates

3745-19-05 (B)(1) shall not and legal holidays shall not be considered working days. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-01 (A) may not may not be conducted during unfavorable meteorological conditions 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-01 (B) required ...and for which a permit-to-install has been obtained as required in Chapter 3745-31 of the Administrative Code and a permit-to-operate has been obtained as required in Chapter 3745-77 of the Administrative Code. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-01 (B)(1) required ...and for which a permit-to-install has been obtained as required in Chapter 3745-31 of the Administrative Code and a permit-to-operate has been obtained as required in Chapter 3745-77 of the Administrative Code.

3745-19-01 (B)(2)(a) required 40 CFR 60.39(b): "Am I required to apply for and obtain a Title V operating permit for my air curtain incinerator that burns only wood waste, clean lumber, and yard waste?" as published in the July 1, 2017 Code of Federal Regulations.

3745-19-01 (B)(2)(b) required 40 CFR 60.39(b): "Am I required to apply for and obtain a Title V operating permit for my air curtain incinerator that burns only wood waste, clean lumber, and yard waste?" as published in the July 1, 2017 Code of Federal Regulations.

3745-19-01 (C)(2) required ... provided that the application required in paragraph (A)(1) of rule 3745-19-05 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-01 (C)(3) required ... provided that the application required in paragraph (A)(1) of rule 3745-19-05 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-04 (B) required Open burning shall be allowed for the following purposes without notification to or permission from the Ohio EPA, except as required in paragraph (B)(1) of this rule:...

3745-19-04 (B)(1) required Prior notification to the Ohio EPA in accordance with paragraph (B) of rule 3745-19-05 of the Administrative Code shall be required for the disposal of agricultural waste if... 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-03 App. Pg. 3, Para 1 Prohibited Burning may not be conducted during unfavorable meteorological conditions such as high winds, temperature inversions, or stagnation, when a pollution alert or ozone action day has been declared. The open burning shall not create a nuisance. The emission of smoke, ashes, dust, dirt, odors or any other substance in such a matter or amount as to endanger the health, safety or welfare of the public or cause unreasonable injury or damage to property, is a public nuisance and is prohibited.

3745-19-03 APP. Pg. 3, Para 1 Prohibited Burning may not not be conducted during unfavorable meteorological conditions.

3745-19-03 (A) may not Burning may not be conducted during unfavorable meteorological conditions.

3745-19-04 (B)(1) required Open burning shall be allowed for the following purposes without notification to or permission from the Ohio EPA, except as required in paragraph (B)(1) of this rule:...

3745-19-04 (B)(2)(a) required Prior notification to the Ohio EPA in accordance with paragraph (B) of rule 3745-19-05 of the Administrative Code shall be required for the disposal of agricultural waste if... 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (B)(2)(b) required Prior notification to the Ohio EPA in accordance with paragraph (B) of rule 3745-19-05 of the Administrative Code shall be required for the disposal of agricultural waste if... 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (C)(2) required The application required in paragraph (A)(1) of rule 3745-19-06 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-04 (C)(3) required The application required in paragraph (A)(1) of rule 3745-19-06 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-04 (C)(4) required The application required in paragraph (A)(1) of rule 3745-19-06 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-04 (C)(6) required The application required in paragraph (A)(1) of rule 3745-19-06 of the Administrative Code is submitted by the commercial or public entity responsible for the instruction.

3745-19-04 (C)(6)(a) required The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (C)(6)(b) required The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-04 (C)(6)(c) required The owner or operator shall apply for a permit-to-install as required in Chapter 3745-31 of the Administrative Code and a title V permit as required in Chapter 3745-77 of the Administrative Code.

3745-19-04 (C)(6)(d) required … except the information required in paragraphs (A)(2)(c) and (A)(2)(d) of this rule need not be provided unless it is available at... 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-05 (A)(6) required … The annual application required pursuant to paragraph (A)(1) of this rule shall contain... 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal

3745-19-05 (B)(1) required … shall be in such form and contain such information as shall be required by the Ohio EPA. 3704.03(E) Federal CAA 110(a)(2) Yes - Federal Yes - Federal
<table>
<thead>
<tr>
<th>DAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quote</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-20-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in paragraph (B) of this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(B)</td>
<td>shall</td>
<td>The following definitions shall apply exclusively to this chapter:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(C)(1)</td>
<td>shall</td>
<td>Any category I or category II asbestos-containing material that becomes damaged from either deterioration or attempts at removal or abatement resulting in small fragments the size of four square inches or less shall also be considered friable or RACM.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(C)(2)</td>
<td>shall</td>
<td>Failures of equipment shall not be considered malfunctions if they are caused in any way by poor maintenance, careless operation, or any other preventable upset conditions, equipment breakdown, or process failure.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(A)(151)</td>
<td>required</td>
<td>&quot;Waste shipment record&quot; means the shipping document, required to be originated and signed by the waste generator, used to track and substantiate the disposition of asbestos-containing waste material</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(B)(34)</td>
<td>shall</td>
<td>Failures of equipment shall not be considered malfunctions if they are caused in any way by poor maintenance...</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-01</td>
<td>(A)</td>
<td>shall</td>
<td>...each owner or operator of any demolition or renovation operation shall have the affected facility or part of the facility where a demolition or renovation operation will occur thoroughly inspected...</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-02</td>
<td>(A)</td>
<td>shall</td>
<td>No person shall identify, detect, or assess asbestos-containing materials, determine appropriate response actions unless he or she is certified as an asbestos hazard evaluation specialist by the director...</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(A)</td>
<td>shall</td>
<td>Each owner or operator to whom this rule applies shall perform the following:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(A)(155)</td>
<td>shall</td>
<td>For asbestos stripping or removal work in any subject demolition or renovation operation (except for any nonscheduled renovation operations, emergency renovation operations and emergency demolition operations) that will begin on a date other than the one contained in the original notice, notice of the new start date shall be provided to the director as follows:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(A)(155)(i)</td>
<td>shall</td>
<td>When the asbestos stripping or removal operation or demolition operation covered by this paragraph will begin after the date contained in the notice, the owner or operator shall do the following:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(A)(155)(ii)</td>
<td>shall</td>
<td>When the asbestos stripping or removal operation or demolition operation covered by this paragraph will begin on a date earlier than the original start date, the owner or operator shall do the following:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(A)(155)(ii)</td>
<td>shall</td>
<td>In no event shall an operation covered by this paragraph begin on a date other than the date contained in the notice of the new start date:</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(B)</td>
<td>shall</td>
<td>In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(C)</td>
<td>shall</td>
<td>Each owner or operator shall inform the appropriate OSHA field office by telephone or facsimile concerning any of the following changes to information provided by the notice.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(D)</td>
<td>shall</td>
<td>In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(E)</td>
<td>shall</td>
<td>An amended notification shall be submitted to the director as soon as possible but not later than one working day following discovery of the change. The changes requiring an amended notification are...</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(F)</td>
<td>shall</td>
<td>All notifications required by this rule shall identify the name and title of the person submitting the notification, and shall be signed and dated by the person submitting the notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(G)</td>
<td>shall</td>
<td>In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin. A copy of the order shall be attached to the notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(H)</td>
<td>shall</td>
<td>A certification that at least one person trained as required by paragraph (B)(3) of rule 3745-10-04 of the Administrative Code will supervise the stripping and removal described by this notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(I)</td>
<td>required</td>
<td>A certification that at least one person trained as required by paragraph (B)(3) of rule 3745-10-04 of the Administrative Code will supervise the stripping and removal described by this notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(J)</td>
<td>shall</td>
<td>And shall certify that the facts contained in the notice are true, accurate and complete.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(K)</td>
<td>shall</td>
<td>In addition to the information required in paragraph (A)(4) of this rule, each owner or operator of an emergency demolition shall provide the name, title, and authority of the state or local government authority who has ordered the demolition, the date that the order was issued, and the date on which the demolition is ordered to begin. A copy of the order shall be attached to the notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(L)</td>
<td>required</td>
<td>A certification that at least one person trained as required by paragraph (B)(3) of rule 3745-10-04 of the Administrative Code will supervise the stripping and removal described by this notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(M)</td>
<td>required</td>
<td>All notifications required by this rule shall identify the name and title of the person submitting the notification, and shall be signed and dated by the person submitting the notification.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-20-03</td>
<td>(N)</td>
<td>required</td>
<td>The certification required in paragraph (A)(4)(p) of this rule shall acknowledge the existence of laws prohibiting the submission of false or misleading statements and shall certify that the facts contained in the notice are true, accurate and complete.</td>
<td>3704.03(E)</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3745-20-04 (A) shall Each owner or operator of a demolition or renovation operation to whom this rule applies shall comply with the following procedures:

3745-20-04 (A)(1)(c) shall The owner or operator uses alternative emission controls in accordance with the terms of the determination. At a minimum the owner or operator shall use one of the following:

3745-20-04 (A)(1)(c)(i) shall A local exhaust ventilation and collection system designed and operated to capture the particulate asbestos materials produced by the stripping and removal of friable asbestos material. The system shall exhibit no visible emissions to the outside air or be designed and operated in accordance with the requirements in rule 3745-20-12 of the Administrative Code.

3745-20-04 (A)(1)(c)(ii) shall Requests for alternative emission control methods shall be submitted concurrently with the request contained in paragraph (A)(1)(c)(i) of this rule.

3745-20-04 (A)(1)(c)(iii) shall A copy of the director's written determination shall be displayed at the workplace during the renovation operation.

3745-20-04 (A)(4) shall After a facility component covered with, coated with or containing regulated asbestos-containing material has been removed from the facility as a unit or in sections pursuant to paragraph (A)(2) of this rule, except as provided in paragraph (A)(4)(b) of this rule, the owner or operator shall do one of the following:

3745-20-04 (A)(6) shall For all regulated asbestos-containing material including material that has been removed or stripped, the owner or operator shall do all of the following:

3745-20-04 (A)(7) shall When the temperature at the point of wetting is below thirty-two degrees Fahrenheit, the owner or operator shall do the following:

3745-20-04 (A)(7)(b) shall A local exhaust ventilation and collection system designed and operated to capture the particulate asbestos materials produced by the stripping and removal of friable asbestos material. The system shall exhibit no visible emissions.

3745-20-04 (A)(7)(d) shall During periods when wetting operations are suspended due to freezing temperatures, the owner or operator shall record the temperature in the area containing the facility components at the beginning, middle, and end of each operating day and keep daily temperature records available for inspection by the director or the director's representative during normal business hours at the demolition or renovation site.

3745-20-04 (B) shall Each owner or operator of any demolition or renovation operation, shall ensure all regulated asbestos-containing materials which have been damaged or made friable by demolition, renovation or adjacent stripping operations are removed, encapsulated, or removed for disposal in accordance with rule 3745-20-05 of the Administrative Code, prior to the removal of emission controls.

3745-20-04 (A)(13)(c) must If not removed for safety reasons, the exposed regulated asbestos-containing materials are not required to be stripped if the following are met:

3745-20-04 (A)(4)(b) must During stripping, use a local exhaust ventilation and collection system operated to capture the particulate asbestos material produced by the stripping. The system must exhibit no visible emissions to the outside air.

3745-20-04 (A)(4)(b) must or must be designed and operated in accordance with the requirements in rule 3745-20-12 of the Administrative Code.

3745-20-04 (A)(5) must Adequately wet regulated asbestos-containing materials when they are being stripped from facility components. In renovation operations, wetting that would unacceptably damage equipment or cause an unreasonable safety hazard is not required if the following conditions are met:

3745-20-04 (A)(5) required For large facility components such as reactor vessels, large tanks, and steam generators, but not beams (which must be handled in accordance with paragraphs (A)(2), (A)(3), and (A)(4) of this rule), the regulated asbestos-containing material is not required to be stripped if the following are met:

3745-20-04 (B)(2) required The training required in paragraph (B)(2) of this rule shall include, as a minimum, adequate training in the provisions of this chapter for the following:

3745-20-04 (B)(3) required Every two years, the trained on-site authorized representative shall receive refresher training in the provisions of this chapter.

3745-20-04 (B)(4) required Evidence that the required training has been completed shall be posted and made available for inspection by the director or the director's representative at the demolition or renovation site.

3745-20-04 (B)(4) shall Comment: Paragraph (A) of rule 3745-22-02 of the Administrative Code states that "No business entity or public entity shall perform, directly or indirectly, any asbestos hazard abatement activity as defined in paragraph (C) of rule 3745-22-01 of the Administrative Code without a valid license from the director."
Each owner or operator of any demolition, renovation, manufacturing, fabricating or spraying operation to whom this rule applies, shall discharge no visible emissions to the outside air during the collection, processing (including incineration), packaging, transporting, or deposition of any asbestos-containing waste material, and use one of the methods specified in paragraphs (B)(1) to (B)(4) of this rule:  

3745-20-05 (E)(2) shall Each waste generator shall ensure that asbestos waste containers shall meet the following minimum standards:

3745-20-05 (C)(1) shall All containers of asbestos-containing waste material and wrapped material shall be labeled, using permanent markings with letters of sufficient size and contrast so as to be readily visible and legible, as follows:

3745-20-05 (C)(2) shall All containers of asbestos-containing waste material and wrapped material shall be labeled, using permanent markings with letters of sufficient size and contrast so as to be readily visible and legible, as follows:

3745-20-05 (C)(3) shall A second clean, leak-tight plastic bag having a thickness of at least 0.006 inch (six-mils) shall fully contain the first bag.

3745-20-05 (C)(4) shall Any owner or operator using an approved alternative waste disposal system or emission control and waste treatment method shall operate the system in accordance with the conditions of the director's approval.

3745-20-05 (E)(1) shall The waste shipment record shall conform to the following procedures:

3745-20-05 (E)(2)(a) Before releasing the waste shipment for off-site disposal the waste generator shall complete the information required by paragraphs (E)(1)(a) to (E)(1)(h) of this rule, and sign and date on the date of shipment, the certification required by paragraph (E)(1)(i) of this rule.

3745-20-05 (E)(2)(b) Upon receiving the waste shipment the waste disposal site operator shall do the following:

3745-20-05 (E)(2)(c) When the waste generator does not receive a completed waste shipment record signed by the owner or operator of the designated disposal site, within thirty-five days of the date the waste was accepted by the initial transporter, the waste generator shall contact the transporter or the owner or operator of the designated disposal site to determine the status of the waste shipment.

3745-20-05 (E)(4) shall The waste generator shall report in writing to the appropriate Ohio EPA field office if

3745-20-05 (E)(5) shall The waste generator and waste disposal site operator or owner, shall retain a copy of all waste shipment records for at least two years.

3745-20-05 (F) shall Each waste generator or facility owner shall furnish upon request, and make available for inspection by the director or the director's representative, all records required to be maintained under this rule.

3745-20-05 (G) shall When removing or transporting asbestos-containing waste material to a disposal site, each owner or operator of any demolition or renovation operation to whom this rule applies shall prepare and secure any load of asbestos-containing waste material in a manner that prevents any visible emissions, load loss, spillage or leakage of liquids.

3745-20-05 (C)(1) must To obtain approval for an alternative asbestos waste disposal system or emission control and waste treatment method, the applicant must submit the following:

3745-20-05 (C)(2) must ...Spacing between any two lines must be at least equal to the height of the upper of the two lines.

3745-20-05 (E)(2)(a) required Before releasing the waste shipment for off-site disposal the waste generator shall complete the information required.

3745-20-05 (E)(2)(a) required By paragraph (D)(1)(a) to (D)(1)(h) of this rule, and sign and date on the date of shipment, the certification required by paragraph (D)(1)(i) of this rule.

3745-20-05 (F) required Each waste generator or facility owner shall furnish upon request, and make available for inspection by the director or the director's representative, all records required to be maintained under this rule.

3745-20-06 (A) shall Each owner or operator of an active asbestos waste disposal site shall do either of the following:
The owner or operator shall display the following information on a sign not less than twenty by fourteen inches, so that the sign is visible at all entrances and at intervals of three hundred feet or less along the property line or fencing immediately surrounding the restricted area using letter sizes and styles of a visibility at least equal to the following specifications: one inch sans serif, gothic or block in the first and second line; and at least three-fourths inches sans serif, gothic or block in the third line; and fourteen point gothic in the fourth line.

<table>
<thead>
<tr>
<th>Rule Reference</th>
<th>Description</th>
<th>Clean Air Act Section 112(d)</th>
<th>112(e)</th>
<th>112(f)</th>
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</thead>
<tbody>
<tr>
<td>3745-20-06 (A)(2)(a)</td>
<td>shall install and maintain warning signs and fencing as follows, or comply with paragraph (A)(2) or (A)(3) of this rule.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-06 (B)(1)(a)</td>
<td>shall display warning signs at all entrances and at intervals of three hundred feet or less along the property line of the site or along the perimeter of the sections of the site where asbestos-containing waste material was deposited. The warning signs shall:</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-07 (A)(3)</td>
<td>in no event shall excavation begin earlier than the date specified in the original notification.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-07 (B)(1)(b)</td>
<td>spacing between any two lines shall be at least equal to the height of the upper of the two lines.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-07 (D)(1)</td>
<td>Each owner or operator of an inactive asbestos waste disposal site shall notify the director in writing at least forty-five days prior to excavating or otherwise disturbing any asbestos-containing waste material on the deed to the facility property and on any other instrument that would normally be examined during a title search; this notation shall, in perpetuity, notify any potential purchaser of the property of the following information:</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-07 (D)(2)</td>
<td>in the case of a new source that does not have an initial start up date preceding November 20, 1990, the information shall be provided to the owner or operator.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-08 (A)</td>
<td>All owners and operators of sources except roadways, demolition and renovation, spraying, and insulating material shall comply with this paragraph.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-08 (C)</td>
<td>The following information described in this rule shall be reported using the format provided in 40 CFR Part 61, Appendix A.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-20-08 (D)</td>
<td>Any changes in the information provided for paragraph (C) of this rule by any existing source shall be provided to the director, postmarked or delivered, within thirty days after the change.</td>
<td>Clean Air Act Section 112(d)</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

Within sixty days of a site becoming inactive and after November 20, 1990, record a notation of the presence of asbestos-containing waste material on the deed to the facility property and on any other instrument that would normally be examined during a title search; this notation shall, in perpetuity, notify any potential purchaser of the property of the following information:
must identify each point or fugitive source of emission for each hazardous air pollutant. 3704.03(E) Clean Air Act Section 112(d) yes yes

Any owner or operator of a new source to which this chapter applies with the exception of sources subject to rules 3745‐20‐04 (demolition and renovation), 3745‐20‐09 (roadways), 3745‐20‐14 (insulating), and 3745‐20‐15 (spraying) of the Administrative Code, and which has an initial start up date preceding November 20, 1990, was required to provide the following information to the director postmarked or delivered by February 18, 1991. In the case of a new source that does not have an initial start up date preceding November 20, 1990, the information shall be provided by the owner or operator, postmarked or delivered, within ninety days of the initial start up date of that source. 3704.03(E) Clean Air Act Section 112(d) yes yes

Any owner or operator of an existing source was required to provide the following information to the director within ninety days of November 20, 1990, unless the owner or operator of the existing source has previously provided this information to the director:

In addition to the information required in paragraph (A) of this rule, the owner or operator of each existing source or each new source which had an initial start up before November 18, 2002 shall provide the following information in writing to the director by February 18, 2003.

Each owner or operator of an asbestos mill or any of the asbestos manufacturing operations to which this rule applies shall perform at least one of the following:

The monitoring shall be by visual observation of at least fifteen seconds duration per source of emissions. 3704.03(E) Clean Air Act Section 112(d) yes yes

Submit semiannually a copy of the visible emission monitoring records to the Ohio EPA field office if visible emissions occurred during the report period. Semiannual reports shall be postmarked by the thirtieth day following the end of the six‐month period. 3704.03(E) Clean Air Act Section 112(d) yes yes

Furnish upon request, and make available at the affected facility during normal business hours for inspection by the director or the director’s representative, all records required under this rule. 3704.03(E) Clean Air Act Section 112(d) yes yes

The owner or operator who uses air cleaning, as specified in this chapter shall do the following:

Collect and analyze samples, taken as ten-day composite samples (one, two hundred gram (seven ounce) sample collected every eight hours of operation) of all output material for the presence of asbestos. Composite samples may be for fewer than ten days. Transmission electron microscopy (TEM) shall be used to analyze the output material for the presence of asbestos. During the initial ninety-day period, all output materials must be stored on-site until analysis shows the material to be asbestos-free or disposed of as asbestos-containing waste material in accordance with rule 3745‐20‐05 of the Administrative Code. 3704.03(E) Clean Air Act Section 112(d) yes yes

After the initial ninety days of operation each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non‐asbestos (asbestos‐free) material shall do the following:

Any product material that is not asbestos‐free shall be either disposed of as asbestos-containing waste material or recycled as waste feed to the process. 3704.03(E) Clean Air Act Section 112(d) yes yes

Collect and analyze monthly composite samples (one two hundred gram (seven ounce) sample collected every eight hours of operation) of the output material. Transmission electron microscopy shall be used to analyze the output material for the presence of... 3704.03(E) Clean Air Act Section 112(d) yes yes
Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall not cause or permit any visible emissions to the outside air from any part of the operation, or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.

Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall maintain records on-site and include the following information:

Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall submit the following reports to the director:

Each owner or operator of an operation that converts regulated asbestos-containing material and asbestos-containing waste material into non-asbestos (asbestos-free) material shall not cause or permit any visible emissions to the outside air from any part of the operation, or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.

Composite samples may be taken for fewer than ten days. Transmission electron microscopy (TEM) shall be used to analyze the output material before the emissions escape to, or are vented to, the outside air.

The director may require that a demonstration of the process be performed prior to issuing the permit to install.

Performance test protocol, including provisions for obtaining information required under paragraph (B)(2) of this rule.

Results of the composite analysis required during the initial ninety days of operation under paragraph (B) of this rule.

Results of the monthly composite analyses required under paragraph (C) of this rule.

Results of continuous monitoring and logs of process operating parameters required under paragraphs (B) and (C) of this rule.

Results of the composite analysis as required in paragraph (B)(2) of rule 3745-20-06 of the Administrative Code.

The information on waste disposal activities as required in paragraph (B)(2) of rule 3745-20-06 of the Administrative Code.

The provisions of this rule do not apply to spray-applied insulating materials regulated under rule 3745-20-15 of the Administrative Code.

An owner or operator of an operation in which asbestos-containing materials are spray applied on buildings, structures, pipes, and conduits, shall use material containing more than one per cent asbestos, as determined using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), except as provided in paragraph (C) of this rule.

The owner or operator of an operation in which asbestos-containing materials that contain more than one per cent asbestos, as determined using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), are spray applied on equipment and machinery, except as provided in paragraph (C) of this rule, shall do the following:

Notify the director at least twenty days before beginning the spraying operation. The notice shall include the following:

Shall not cause or permit any visible emissions to the outside air from spray-on application of asbestos-containing material or use the methods specified by rule 3745-20-12 of the Administrative Code to clean emissions containing particulate asbestos material before the emissions escape to, or are vented to, the outside air.
<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(H)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(B)(15)</td>
<td>shall</td>
<td>… including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable or legally and practically enforceable by the state.</td>
<td>3704.03(I)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(C)(5)(c)</td>
<td>shall</td>
<td>… or when applied to a tank which is loaded from the side, shall mean any fill pipe with the discharge opening entirely submerged when the liquid level is eighteen inches above the bottom of the tank.</td>
<td>3704.03(I)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>x</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(D)(53)</td>
<td>shall</td>
<td>Coating of plastic parts of automobiles and trucks means the coating of any plastic part that is or shall be assembled with other parts to form an automobile or truck.</td>
<td>3704.03(I)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>x</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(D)(54)</td>
<td>shall</td>
<td>Coating of plastic parts of business machines means the coating of any plastic part that is or shall be assembled with other parts to form a business machine.</td>
<td>3704.03(I)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>x</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(D)(86)</td>
<td>shall not</td>
<td>Fog coating means a coating is applied to a plastic part for the purpose of color matching without masking a molded-in texture. A fog coat shall not be applied at a thickness of more than 0.5 mils of coating solids.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(D)(99)(b)</td>
<td>shall not</td>
<td>… and such gloss reducer shall not be applied at a thickness of more than 0.5 mils of coating solids.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(E)(145)</td>
<td>shall</td>
<td>The owner or operator of such vessels shall be responsible for certifying that the intended use is for recreational purposes.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(F)(136)</td>
<td>shall</td>
<td>For purposes of this rule, “vinyl coating” shall not include organo siloxane coatings.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(H)(40)(j)</td>
<td>shall not</td>
<td>However, gasoline dispensing facilities in Ohio shall not be subject to any provision or statement that specifies an expiration or decertification due to VR standards and certification procedures.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(H)(40)(i)</td>
<td>shall</td>
<td>… CARB certification and “CARB certified” shall also mean such executive orders, approval letters, equipment advisories, …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(H)(12)(d)</td>
<td>shall</td>
<td>For purposes of this definition, the term “refiner” shall not include any refiner whose total refinery capacity (including the refinery capacity of any person who controls, is controlled by, …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(H)(16)</td>
<td>shall</td>
<td>… applied to a tank which is loaded from the side, shall mean any fill pipe the discharge opening of which is entirely submerged when the liquid level is …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(U)</td>
<td>shall</td>
<td>Except as otherwise provided in this paragraph, the definitions in rule 3745-15-01 of the Administrative Code and paragraph (B) of rule 3745-21-01 of the Administrative Code shall apply to rule 3745-21-12 of the Administrative Code.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>1992 ACT; bakery Oven Emissions</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(U)(8)</td>
<td>shall</td>
<td>“Emission event” shall be defined as a discrete period of venting that is associated with a unit operation.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(X)(1)</td>
<td>shall</td>
<td>… of the Administrative Code and paragraph (B) of this rule shall apply to rule 3745-21-15 of the …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>1996 CTG; Wood Furniture Manufacturing Operations.</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(X)(24)</td>
<td>shall not</td>
<td>… with an adhesive incorporated onto or in an inert substrate shall not be considered adhesives</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(Y)</td>
<td>shall</td>
<td>… and paragraph (B) of this rule shall apply to rule 3745-21-16 of the Administrative Code …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>2006 COT; Flexible Package Printing.</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(Z)</td>
<td>shall</td>
<td>… and paragraph (B) of this rule shall apply to rule 3745-21-17 of the Administrative Code …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-21-01</td>
<td>(AA)(13)</td>
<td>shall</td>
<td>A material shall not be classified as a bearing coating if …</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CAA 182</td>
<td>1997 CTG; Aerospace Manufacturing</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
shall not be classified as a caulking and smoothing compound if the material can also be classified as a sealant.

For a part to qualify as non-routine manufacture, it shall be used for repair or replacement.

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For a part to qualify as non-routine manufacture, it shall be used for repair or replacement.
3745-21-01 \( \text{GG}(21) \) requires “Relief valve” means a valve used only to release an unplanned, nonroutine discharge. A relief valve discharge results from an operator error, a malfunction such as a power failure or equipment failure, or other unexpected cause that requires immediate venting of gas from process equipment in order to avoid safety hazards or equipment damage. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(17) \) requires “Pressure relief valve” means a valve used only to release an unplanned, non-routine discharge. A relief valve discharge can result from an operator error, an equipment failure, a malfunction such as a power failure or equipment failure, or other unexpected cause that requires immediate venting of gas from process equipment in order to avoid safety hazards or equipment damage. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(38) \) requires “Interior coating” means any coating used on interior surfaces aboard United States military aircraft pursuant to a coating specification that requires the coating to meet specified fire retardant and low toxicity requirements, in addition to the other applicable military physical and performance requirements. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{GG}(21) \) requires “Corrosion-resistant end-use applications” means applications where the product is manufactured specifically for an application that requires a level of chemical inertness or resistance to chemical attack above that required for typical reinforced plastic composites products. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(82) \) required Flexible coating* means any coating with the ability to withstand dimensional changes that is required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{D}(132) \) required “Non-flexible coating” means any coating without the ability to withstand dimensional changes that is not required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{H}(12) \) required “Group 1 process vent” means a process vent for which a control device is required due to the TRE index value being less than or equal to 1.0. Also, monitoring of the control device is required, except when the control device is a boiler or process heater specified under paragraph (F)(1)(b) or (F)(1)(c) of rule 3745-21-13 of the Administrative Code. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(16) \) required “Group 2A process vent” means a process vent from a recovery system for which monitoring of the recovery system is required due to the TRE index value being less than or equal to 4.0. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(17) \) required “Group 2B process vent” means a process vent for which a control device and monitoring are not required due to any of the following: 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{V}(44) \) required “Start-up” means the setting into operation of a reactor, distillation unit, or equipment required or used to comply with this rule. Start-up includes initial start-up, operation solely for testing equipment, and transitional conditions due to changes in product. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{AA}(40) \) required “Epoxy polyamide topcoat” means a coating used where harder films are required or in some areas where engraving is accomplished in camouflage colors. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{AA}(44) \) required “Flight test coating” means a coating applied to aircraft other than missiles or single-use aircraft prior to flight testing to protect the aircraft from corrosion and to provide required marking during flight test evaluation. 3704.03(E) Yes CAA 182 Yes Yes No

3745-21-01 \( \text{GG}(22) \) required “Corrosion-resistant end-use applications” means applications where the product is manufactured specifically for an application that requires a level of chemical inertness or resistance to chemical attack above that required for typical reinforced plastic composites products. 3704.03(E) Yes CAA 182 Yes Yes No
For purposes of ascertaining, defining, and measuring ambient air quality, air contaminants shall be measured by the method or methods stated in paragraphs (B) to (E) of this rule or by such other methods as may be approved by the director.

Concentrations of carbon monoxide in ambient air shall be determined as follows:

Hourly integrated concentrations of carbon monoxide shall be determined through the use of a continuous sampling and recording device as described in 40 CFR part 50, appendix C.

Eight-hour average shall be determined by arithmetically averaging the hourly integrated data, obtained as described in paragraph (B)(1) of this rule, for any eight-hour period.

In the event that only six (or seven) hourly averages are available, the eight-hour average shall be computed on the basis of the six (or seven) hours available using six (or seven) as the divisor.

Concentrations of ozone shall be determined through the use of a continuous sampling and recording device as described in 40 CFR part 50, appendix D.

For any air contaminant source subject to paragraphs (QQ) to (DDD) of rule 3745-21-09 of the Administrative Code, any owner or operator of said air contaminant source shall comply with one of the following:

Such certification shall include: equipment description, Ohio EPA permit application number (if assigned), and all necessary data (consistent with the appropriate permit application appendices or emission activity category forms) and calculations which confirm the compliance status.

The certification shall also include a certification of operation permitting operation of such source in accordance with rule 3745-21-09 of the Administrative Code if such source does not possess an effective permit, or, if applicable, a certification or operating permit application shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than May 1, 1993.

In demonstrating compliance pursuant to paragraph (B)(1)(a) of this rule, the owner or operator of a source shall conduct emission tests in accordance with the methods specified in rule 3745-21-10 of the Administrative Code.

If, pursuant to section 11.4 of USEPA method 24, as contained in 40 CFR part 60 appendix A, an owner or operator determines that USEPA method 24 or USEPA method 24A cannot be used for a particular coating or ink, the owner or operator shall so notify the administrator...
For any air contaminant source subject to paragraph (C)(28)(e) of this rule a compliance certification or compliance program, along with an operating permit application, if appropriate, shall be submitted in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than August 15, 1999. 

... Chapter 3745-77 of the Administrative Code, the owner or operator shall only submit a compliance certification or a compliance program, but no operating permit application, in accordance with paragraphs (B)(1)(a) and (B)(1)(b) of this rule by no later than August 15, 1999. 

3745-21-04 (E)(7) shall Except as otherwise provided in paragraphs (C)(3)(f)(3) or (C)(3)(f)(4) of this rule, any owner or operator of an automobile or light-duty truck assembly plant which is subject to paragraph (C)(6) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 1, 1982. 


3745-21-04 (E)(9) shall Any owner or operator of an end sealing compound coating line used for food can ends shall achieve compliance with paragraphs (O)(3)(a) and (O)(3)(a) of rule 3745-21-09 of the Administrative Code no later than January 17, 1996. 

3745-21-04 (E)(10) shall Any owner or operator of a coil coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (G)(1) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995. 

3745-21-04 (E)(11) shall Any owner or operator of a coil coating line which employs a control system shall achieve compliance with said requirements by no later than June 1, 1982. 

3745-21-04 (C)(3)(a) shall Except as otherwise provided in paragraphs (C)(3)(a)(1) and (C)(3)(a)(2) of this rule, any owner or operator of a paper coating line which is subject to paragraph (O)(6) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1995. 

3745-21-04 (C)(3)(b) shall Any owner or operator of a paper coating line which is subject to paragraph (O)(6) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010. 

3745-21-04 (C)(3)(c) shall Any owner or operator of a paper coating line which employs an add-on control system shall achieve compliance with the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code by no later than April 2, 2010. 

3745-21-04 (C)(3)(d) shall Except as otherwise provided in paragraph (C)(3)(d)(1) of this rule, any owner or operator of a fabric coating line which is subject to paragraph (G)(4) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1992. 

3745-21-04 (C)(3)(e) shall Any owner or operator of a fabric coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (G)(1) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1992. 

3745-21-04 (C)(3)(f) shall Any owner or operator of a paper coating line which employs a control system shall achieve compliance with said requirements by no later than April 2, 2010. 

3745-21-04 (C)(3)(g) shall Any owner or operator of a paper coating line which employs an add-on control system shall achieve compliance with the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code by no later than April 2, 2010. 

3745-21-04 (C)(3)(h) shall Any owner or operator of a fabric coating line which employs a control system shall achieve compliance with said requirements by no later than April 2, 2010. 

3745-21-04 (C)(4) shall Any owner or operator of a metal furniture coating line which employs a control system shall achieve compliance with said requirements by no later than April 2, 2010. 

3745-21-04 (C)(5) shall Any owner or operator of a metal furniture coating line shall achieve compliance with the requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or ...
3745-21-04 (C)(9)(a) shall Paragraph (N) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by November 1, 1981.

3745-21-04 (C)(9)(b) shall Any owner or operator of a magnet wire coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (J) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995.

3745-21-04 (C)(10)(a) shall Except as otherwise provided in paragraph (C)(10)(b) of this rule, any owner or operator of a large appliance coating line which is subject to paragraph (K) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1982.

3745-21-04 (C)(10)(b) shall Any owner or operator of a large appliance coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(6) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (K) of rule 3745-21-09 of the Administrative Code and expressed in terms of pounds of VOC per gallon of solids by April 1, 1995.

3745-21-04 (C)(10)(c) shall Any owner or operator of a large appliance coating line which is subject to paragraph (K)(6) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.

3745-21-04 (C)(10)(d) shall Any owner or operator of a large appliance coating line which employs a control system shall achieve compliance with either the control requirements specified in paragraph (B)(7) of rule 3745-21-09 of the Administrative Code or the VOC limitation which is contained in paragraph (K)(6) of rule 3745-21-09 of the Administrative Code.

3745-21-04 (C)(11) shall Any owner or operator of a fixed roof tank which is subject to paragraph (I) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by January 1, 1982.

3745-21-04 (C)(12) shall Any owner or operator of a refinery vacuum producing system which is subject to paragraph (M)(1) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.

3745-21-04 (C)(13) shall Any owner or operator of a refinery wastewater separator which is subject to paragraph (M)(4) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by January 1, 1981.

3745-21-04 (C)(14) shall Any owner or operator of a refinery process unit turnaround which is subject to paragraph (M)(3) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by December 31, 1982.

3745-21-04 (C)(15) shall Paragraph (N) of rule 3745-21-09 of the Administrative Code shall be complied with by the following deadlines:

3745-21-04 (C)(15)(a) shall Except as provided in paragraphs (C)(15)(b) to (C)(15)(c) of this rule, any owner or operator of a solvent metal cleaning operation which is subject to paragraph (O)(5) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by April 1, 1981.

3745-21-04 (C)(15)(b) shall Any owner or operator of a solvent metal cleaning operation shall achieve compliance with paragraphs (O)(2)(d), (O)(3)(d), and (O)(4)(e)(v) of rule 3745-21-09 of the Administrative Code by July 17, 1995.

3745-21-04 (C)(15)(c) shall Any owner or operator of a solvent metal cleaning operation which is subject to paragraph (O)(5) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by no later than April 2, 2010.

3745-21-04 (C)(16)(a) shall Any owner or operator of a cold cleaning operation which is located in Butler, Clarion, Greene, Hamilton, Miami, Montgomery, or Warren county shall achieve compliance with paragraph (O)(2)(e) of rule 3745-21-09 of the Administrative Code by May 1, 2002.

3745-21-04 (C)(16)(b) shall Any owner or operator of a cold cleaning operation which is located in Ashland, Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county shall achieve compliance with paragraph (O)(2)(a) of the Administrative Code by no later than April 2, 2010.

3745-21-04 (C)(16)(c) shall Any owner or operator of a cold cleaning operation which is located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county shall achieve compliance with paragraph (O)(2)(a) of the Administrative Code by no later than April 2, 2010.

3745-21-04 (C)(17) shall Any owner or operator of a bulk gasoline plant which is subject to paragraph (P) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by July 1, 1981.

3745-21-04 (C)(18) shall Any owner or operator of a bulk gasoline terminal which is subject to paragraph (Q) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements by July 1, 1982.

3745-21-04 (C)(19) shall Any owner or operator of a gasoline dispensing facility which is subject to paragraph (Q) of rule 3745-21-09 of the Administrative Code shall achieve compliance with said requirements no later than the deadlines in the following schedules:

3745-21-04 (C)(20) shall Alside, Inc., facility ID 1867500053, or any subsequent owner or operator of the "Alside, Inc." facility located at 3773 State road, Cuyahoga Falls, Ohio shall achieve compliance with paragraph (R)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by July 1, 1982.

3745-21-04 (C)(21) shall "General Motors LLC - Lordstown Complex", facility ID 02718000199, or any subsequent owner or operator of the "General Motors LLC - Lordstown Complex" automobile assembly plant located at 2200 Hallock Young road, Lordstown, Ohio shall achieve compliance with paragraph (R)(1)(a)(ii) of rule 3745-21-09 of the Administrative Code by December 31, 1982; and paragraphs (C)(13)(a)(ii), (C)(13)(b) ...
3745-21-04 (C)(25) shall comply with paragraph (C)(1)(a) of rule 3745-21-09 of the Administrative Code by December 31, 1982.

3745-21-04 (C)(27) shall achieve compliance with said requirements by December 31, 1982.

3745-21-04 (C)(28)(a) shall comply with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1986.

3745-21-04 (C)(31) shall comply with said requirements by December 31, 1987.

3745-21-04 (C)(36) shall comply with paragraph (C)(1)(a) of rule 3745-21-09 of the Administrative Code by December 31, 1987.

3745-21-04 (C)(38) shall comply with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1987.


3745-21-04 (C)(42) shall comply with paragraph (C)(1)(a) of rule 3745-21-09 of the Administrative Code by December 31, 1987.

3745-21-04 (C)(44) shall comply with paragraph (C)(1)(a)(i) of rule 3745-21-09 of the Administrative Code by December 31, 1987.
shall achieve compliance with paragraph (LL) of rule 3745-21-09 of the Administrative Code by May 25, 1988.

shall achieve compliance with paragraph (MM) of rule 3745-21-09 of the Administrative Code by May 1, 1994.

shall achieve compliance with paragraph (OO) of rule 3745-21-09 of the Administrative Code by March 31, 1993.

shall achieve compliance with paragraph (PP) of rule 3745-21-09 of the Administrative Code by May 25, 1988.

shall achieve compliance with paragraph (QQ) of rule 3745-21-09 of the Administrative Code by May 1, 1995.

shall achieve compliance with paragraph (XX)(1) of rule 3745-21-09 of the Administrative Code by March 31, 1993, and paragraph (XX)(2) of rule 3745-21-09 of the Administrative Code by May 1, 1994.

shall achieve compliance with paragraph (YY)(1) of rule 3745-21-09 of the Administrative Code by March 31, 1993, and paragraph (YY)(2) of rule 3745-21-09 of the Administrative Code by May 1, 1994.

The certification or operating permit application required by paragraph (B)(1) of this rule shall not apply to any air contaminant source subject exclusively to paragraphs (N) or (V) of rule 3745-21-09 of the Administrative Code (pertaining to cutback asphalts and gasoline tank trucks).

The following counties shall be classified as "Priority I" for determining the applicability of rule 3745-21-07 of the Administrative Code: Butler, Clermont, Clermont, Darke, Delaware, Fairfield, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Madison, Medina, Miami, Montgomery, Perry, Pickaway, Portage, Preble, Stark, Summit, Union, Warren and Wood.

This rule shall apply to any source or operation, for which installation commenced prior to February 18, 2008 and that is specified in paragraphs (K) to (N) of this rule ...

This rule shall not apply to any source, including any new source as defined in rule 3745-15-01 of the Administrative Code, for which installation commenced after February 18, 2008.

Any emission limitation, control requirement, or operational restriction contained in a permit-to-install, permit-by-rule, permit-to-operate, or Title V permit that is based upon a citation to this rule, except the emission limitations and control requirements specified in paragraphs (K)(2), (K)(4), (M)(2) to (M)(4), and (N)(3) of this rule, shall be void upon February 18, 2008.

Any emission limitation, control requirement, or operational restriction contained in a permit-to-install, permit-by-rule, permit-to-operate, or Title V permit that is based upon a citation to this rule, except the emission limitations and control requirements specified in paragraphs (K)(2), (K)(4), (M)(2) to (M)(4), and (N)(3) of this rule, shall be void upon February 18, 2008.

This rule shall not apply to any source, including any new source as defined in rule 3745-15-01 of the Administrative Code, for which installation commenced after February 18, 2008.
For any source or operation specified in paragraphs (K) to (N) of this rule that is subject to a mass emission rate, control efficiency, overall control efficiency, or emission reduction, the owner or operator shall determine compliance by means of one of the following:

- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182

For any source or operation specified in paragraphs (K) to (N) of this rule that is subject to a mass emission rate, control efficiency, overall control efficiency, or emission reduction, the owner or operator shall determine compliance by means of one of the following:

- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182
- 3704.03(H) Yes CAA 182

The use of emissions test data, if available, from a source or operation specified in paragraphs (K) to (N) of this rule shall take precedence over the use of an emission factor approved by the USEPA or the use of emission test data from similar sources or operations.

- 3745‐21‐07 (A)(6)(c) shall All gauging and sampling devices shall be equipped with a vapor recovery system or control system that reduces the emission of organic compounds into the atmosphere by at least ninety per cent by weight.
- 3745‐21‐07 (K)(4) shall No person shall place, store or hold in any storage tank identified in paragraph (K)(1) of this rule, any liquid organic material that has a vapor pressure of 1.5 pounds per square inch absolute or greater, under actual storage conditions, unless the storage tank is equipped with a vapor recovery system or control system that reduces the emission of organic compounds into the atmosphere by at least ninety per cent by weight.

The following specific articles, machines, equipment or other contrivances shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:

- 3745‐21‐07 (M)(3)(d) shall not Any article, machine, equipment or other contrivance that meets any of the following conditions shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:
- 3745‐21‐07 (M)(3)(d) shall not Any article, machine, equipment or other contrivance that meets any of the following conditions shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:
- 3745‐21‐07 (M)(3)(d) shall not Any article, machine, equipment or other contrivance that meets any of the following conditions shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:
- 3745‐21‐07 (M)(3)(d) shall not Any article, machine, equipment or other contrivance that meets any of the following conditions shall not be subject to paragraphs (M)(3)(a) and (M)(3)(b) of this rule:
shall not Paragraph (M)(2) of this rule shall not apply to the use of any cleanup material in any article, machine, equipment, or other contrivance described in paragraph (M)(2) of this rule.

Paragraph (M)(5)(h)(ii) shall not Paragraph (M)(2) of this rule shall not apply to the use of any cleanup material in any article, machine, equipment, or other contrivance described in paragraph (M)(2) of this rule, of liquid organic materials which exhibit a boiling point higher than two hundred degrees Fahrenheit at 0.5 millimeter mercury absolute pressure...
The associated requirements covered by this comment shall include: (a) any requirement that prohibits the use of photochemically reactive materials, (b) any requirement that limits organic compound emissions from an operation to eight pounds per hour and forty pounds per day...

Paragraphs (N) and (V) of this rule shall apply to all sources that meet either of the following:

Any owner or operator of a coating line referenced in paragraph (B)(3)(d) of this rule shall show...
Any owner or operator of a coating line or printing line who elects to demonstrate the ongoing status of compliance with the applicable emission limitation by means of a daily volume-weighted average VOC content shall collect and record the following information each day:

- The daily volume-weighted average VOC content shall be calculated using the following:
  \[ VOC_{daily,\ averaged} = \frac{\sum_{i=1}^{n} VOC_i \times V_i}{\sum_{i=1}^{n} V_i} \]
- Where \( VOC_i \) is the VOC content for the \( i^{th} \) day and \( V_i \) is the volume of coating solids applied on that day.

These quarterly reports shall be submitted by April thirty-first, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.

Any owner or operator of a coating line who elects to demonstrate the ongoing status of compliance with the applicable pounds of VOC per gallon of solids limitation shall collect and record the following information each day:

- The continuous monitoring and recording devices shall be installed and placed in operation within one hundred eighty days of the date of operation and shall be capable of accurately measuring the desired parameter.
- The owner or operator shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.

Any owner or operator of a source other than a coating line or printing line that is subject to paragraphs (O), (W), (X), (CC), (EE), (KK) to (MM), (SS) to (VV), or (YY) to (BBB) of this rule shall demonstrate the ongoing status of compliance with the applicable emissions limitations or control requirements by means of control equipment and maintain the information at the facility for a period of three years:

- The calculated, controlled VOC emission rate, in mass of VOC per unit-volume of coating solids, shall be calculated using the following:
  \[ VOC_{controlled} = \frac{\sum_{i=1}^{n} VOC_i \times V_i}{\sum_{i=1}^{n} V_i} \]
- Where \( VOC_i \) is the VOC content for the \( i^{th} \) day and \( V_i \) is the volume of coating solids applied on that day.

Any owner or operator of a source referenced in paragraphs (B)(3)(j) and (B)(3)(l) of this rule shall install and operate continuous monitoring and recording devices.

Any owner or operator of a coating line or printing line referenced in paragraph (B)(3)(n) of this rule shall notify the director of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation.

Any owner or operator of a coating line referenced in paragraph (B)(3)(o) of this rule shall notify the director of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation.

Any owner or operator of a coating line or printing line referenced in paragraphs (B)(4)(a) and (B)(4)(b) of this rule shall collect and record the following information each day for the source and maintain the information at the facility for a period of three years:

- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.
- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of March 31, 1993 or by the date of operation.

Any owner or operator of a coating line or printing line referenced in paragraphs (B)(4)(c) and (B)(4)(d) of this rule shall collect and record the following information each day for the control equipment and maintain the information at the facility for a period of three years:

- The continuous monitoring and recording devices shall be installed and placed in operation either within one hundred eighty days of the date of operation and shall be capable of accurately measuring the desired parameter.
3745-21-09  B(7)  shall  In such cases, the owner or operator shall comply with the certification and permit application requirements specified in paragraph C(C)(7) of rule 3745-21-04 of the Administrative Code and shall demonstrate compliance with the overall VOC emission reduction and control efficiency requirements.

3745-21-09  B(7)  shall  The alternative daily emission limitation shall be determined on a daily basis as follows:

3745-21-09  B(7)  shall  Also, in such cases, the owner or operator of the coating line shall be subject to the recordkeeping and reporting requirements contained in paragraph B(9)(e) of this rule.

3745-21-09  C(c)  shall  The actual daily emission (Ed) shall comply with the certification and permit application requirements specified in paragraph B(9)(e) of this rule.

3745-21-09  C(l)  shall  The emission limitations specified in paragraph C(C)(2) of this rule shall apply to the application of surface coatings, except soundproofing materials, to the frame, main body, interior panels and coating line and for determining compliance of the coating line with applicable emission limitations shall be in accordance with the publication specified in paragraph C(C)(4) of this rule.

3745-21-09  C(4)  shall  Any owner or operator of an automobile or light-duty truck assembly plant shall maintain daily records for the guidecoat or surface coating line and for the topcoat coating line and shall demonstrate compliance with paragraphs C(C)(1)(a)(v) and (C)(1)(c).

3745-21-09  C(4)  shall  The overall VOC emission reduction and control efficiency requirements specified in paragraph (B)(3)(b) of rule 3745-21-20 of the Administrative Code and the record-keeping requirements of paragraph (D)(3)(d)(i) of this rule shall be met.

3745-21-09  C(5)  shall  The owner or operator shall collect and record the following information each month for the final repair coating line and maintain the information at the facility for a period of three years:

3745-21-09  C(5)(a)  shall  The owner or operator shall notify the director of any monthly record showing that the monthly volume-weighted average VOC content exceeds 1.4 pounds of VOC per gallon of solids from any electrodeposition (EDP) coating line when the solids turnover ratio (RT) is 0.16 or greater. RT shall be determined according to paragraph (D)(3)(b) of this rule.

3745-21-09  C(5)(a)  shall  The owner or operator shall notify the director of any monthly record showing that the monthly volume-weighted average VOC content exceeds the applicable emission limitation.

3745-21-09  C(7)  shall  The calculated, controlled VOC emission rate, in mass of VOC per unit volume of coating solids, as applied. The controlled VOC emission rate shall be calculated using the following:

3745-21-09  C(7)(a)  shall  Any owner or operator of a coating line referenced in paragraph C(C)(7) of this rule shall notify the director of any monthly record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation.

3745-21-09  C(9)  shall  Prior to obtaining the alternative daily emission limitation, the owner or operator shall demonstrate to the satisfaction of the director that the actual daily emission will not exceed:

3745-21-09  C(9)  shall  The alternative daily emission limitation shall be determined according to paragraph B(9)(e) of this rule.

3745-21-09  C(10)(a)  shall  The calculated, controlled VOC emission rate shall be determined according to paragraph (D)(3)(d)(i) of this rule.

3745-21-09  C(10)(a)  shall  The following data shall be maintained for a period of not less than two years which list the usage of surface coatings or which list other data, as authorized by the director, that approximate the usage of surface coatings.

3745-21-09  C(10)(b)  shall  The following data shall be listed for each surface coating being recorded:

3745-21-09  C(10)(b)  shall  The following data shall be maintained for a period of not less than two years which include the following for any control equipment designed to reduce or prevent the emission of VOC.
3745-21-09 (I)(3)(d)(iii) shall Other records shall be maintained, as deemed necessary by the director, in order to provide information on VOC emissions or compliance with the alternative daily emission limitation. 3704.03(E) Yes CAA 182  Yes Yes No

3745-21-09 (I)(2)(b) shall Any owner or operator of a paper coating line with potential emissions that are equal to or greater than 25.0 tons per year of VOC before the application of capture and control devices shall comply with either of the following for the coating line: 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (I)(1) shall Paragraphs (I)(1) and (I)(2) of this rule shall not apply to the application of organisol or plastisol coatings. 3704.03(E) Yes CAA 182  Yes Yes No

3745-21-09 (I)(2) shall The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes Yes

3745-21-09 (I)(2) shall If the director approves an alternative emission limitation for a prime coat, topcoat, or single coat coating line for metal furniture, said limitation and the associated transfer efficiency shall be specified in the special terms and conditions of a permit or variance issued by the director for the coating line. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes Yes

3745-21-09 (I)(2) shall If the test method for determining the transfer efficiency for a coating line has not been approved by the USEPA as part of the state implementation plan, the permit to operate or variance issued by the director for the coating line shall be approved by the USEPA as a revision to the state implementation plan. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes Yes

3745-21-09 (I)(4)(b)(iii) shall not Paragraphs (I)(4)(a) and (I)(4)(d) of this rule shall not apply to the following: 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (I)(4)(c) shall A person shall not apply VOC-containing coatings to metal furniture unless the coating is applied with equipment operated according to the equipment manufacturer specifications, and by the use of one of the following methods: 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (I)(4)(d) shall Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person performing coating related activities shall do the following: 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (I)(4)(c) shall The emission limit under paragraph (K)(1) of this rule shall not apply to the use of quick-drying lacquers for repair of scratches and nicks that occur during assembly, provided that the maximum usage of such lacquers does not exceed one quart in any eight-hour period. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (K)(5) shall The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation is, at a minimum, equivalent in terms of total daily emissions of VOCs to the applicable requirement of paragraph (K)(1) of this rule. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (K)(3) shall The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation is, at a minimum, equivalent in terms of total daily emissions of VOCs to the applicable requirement of paragraph (K)(1) of this rule. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No

3745-21-09 (K)(3) shall For purposes of this demonstration, the director shall recognize that the emission limitation in paragraph (K)(1) of this rule is equivalent to 7.5 pounds VOC per gallon of deposited solids and is based upon a coating applicator transfer efficiency of sixty per cent. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes Yes

3745-21-09 (K)(1) shall The owner or operator shall demonstrate to the satisfaction of the director, prior to obtaining an alternative emission limitation, that the alternative emission limitation 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes Yes

3745-21-09 (J)(3) shall If the director approves an alternative emission limitation for a prime coat, single coat or topcoat coating line for large appliances, said limitation and the associated transfer efficiency shall be specified in the special terms and conditions of an operating permit or variance issued by the director for the coating line. 3704.03(E) Yes 2007 CTG; Paper Film and Foil Coatings. CAA 182(a)(2)(A) CAA 182(b)(2) Yes Yes No
(K)(3)(a) shall
If the test method for determining the transfer efficiency for a coating line has not been approved by the USEPA as part of the state implementation plan, the permit to operate or variance issued by the director for the coating line shall be approved by the USEPA as a revision to the state implementation plan.

3745-21-09 (K)(3)(b) shall
The emission limit under paragraph (K)(1) of this rule shall not apply to any large appliance coating line for which construction commenced prior to October 19, 1979 and which is located at the following facilities:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (K)(5) shall
The emission limit under paragraph (K)(1) of this rule shall not apply to large appliance coatings that are subject to in-use temperatures in excess of two hundred fifty degrees Fahrenheit.

3745-21-09 (K)(6)(a) shall
A person shall not apply VOC-containing coatings to a large appliance unless the coating is applied with equipment operated according to the equipment manufacturer specifications, and by the use of one of the following methods:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (K)(6)(e) shall
Unless emissions to the atmosphere are controlled by an approved emission control system with an overall control efficiency of at least ninety per cent, any person performing coating related activities shall do the following:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (L)(1) shall
Any owner or operator of a petroleum refinery shall control the emissions of VOC from any vacuum producing systems no later than the date specified in paragraph (C)(12) of rule 3745-21-04 of the Administrative Code.

3745-21-09 (L)(2) shall
Any owner or operator of a petroleum refinery shall control the emissions of VOC from any wastewater separator no later than the date specified in paragraph (C)(16) of rule 3745-21-04 of the Administrative Code.

3745-21-09 (M)(2) shall
Each owner or operator of a petroleum refinery shall control the emissions of VOC from any vacuum producing systems no later than the date specified in paragraph (C)(12) of rule 3745-21-04 of the Administrative Code by combusting:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (M)(3)(a) shall
Each owner or operator of a petroleum refinery shall control the emissions of VOC from any wastewater separator no later than the date specified in paragraph (C)(16) of rule 3745-21-04 of the Administrative Code by combusting:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (N)(4)(a) shall
The records required by paragraph (N)(4)(a) of this rule shall be maintained for a minimum of two years:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (N)(4)(b) shall
Paragraphs (N)(6)(a) and (N)(6)(e) of this rule shall not apply to the following:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (O)(2) shall
Each owner or operator of a cold cleaner shall do the following:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (O)(2)(a) shall
Any person shall not apply VOC-containing coatings to a large appliance unless the coating is applied with equipment operated according to the equipment manufacturer specifications, and by the use of one of the following methods:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (O)(2)(b) shall
Paragraphs (O)(1) and (O)(2) of this rule shall not apply to the following:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (O)(3) shall
Each owner or operator of a petroleum refinery shall control the emissions of VOC from any vacuum producing systems no later than the date specified in paragraph (C)(12) of rule 3745-21-04 of the Administrative Code.

3745-21-09 (O)(4)(e) shall
Each owner or operator of a petroleum refinery shall control the emissions of VOC from any wastewater separator no later than the date specified in paragraph (C)(16) of rule 3745-21-04 of the Administrative Code.

3745-21-09 (P)(1) shall
Any owner or operator of a cold cleaner shall do the following:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- CAA 182(b)(2)
- Yes
- Yes
- No

3745-21-09 (P)(2) shall
The following information shall be maintained:

- 2007 CTG; Paper Film and Foil Coatings.
- CAA 182(a)(2)(A)
- Yes
- No

3745-21-09 (P)(3) shall
Each owner or operator of a petroleum refinery shall maintain records for a minimum of two years for each process unit:
shall Water cover (solvent shall be of the cold cleaner) have a vapor pressure that does not exceed 1.0 mmHg (0.019 psig) measured by the method of 704.03(9) Yes CAA 182 Yes Yes No

shall Water cover (solvent shall be of the cold cleaner) have a vapor pressure that does not exceed 1.0 mmHg (0.019 psig) measured by the method of 704.03(9) Yes CAA 182 Yes Yes No

shall The solvents employed in the cold cleaner shall have a vapor pressure that does not exceed 1.0 mmHg (0.019 psig) measured by the method of 704.03(9) Yes CAA 182 Yes Yes No

shall Each owner or operator of a conveyorized degreaser shall maintain records for a minimum of five years and

shall The owner or operator of each cold cleaner shall maintain records for a minimum of five years and

shall Each owner or operator of an open-top vapor degreaser shall do the following:

shall Each owner or operator of a conveyorized degreaser shall do the following:

Paragraph 0(3)(e)(i) shall not apply to cold cleaners that are research and development sources, as defined under section 3704.01

Paragraph 0(3)(e)(i) shall not apply to cold cleaners that are research and development sources, as defined under section 3704.01

Paragraph 0(6)(b) shall not apply to any solvent metal cleaning operation which is subject to 40 CFR part 63, subpart T

Paragraph 0(6)(b) shall not apply to any solvent metal cleaning operation which is subject to 40 CFR part 63, subpart T

Paragraph 0(6)(a) shall not apply to any solvent metal cleaning operation which is subject to 40 CFR part 63, subpart T

Paragraph 0(6)(a) shall not apply to any solvent metal cleaning operation which is subject to 40 CFR part 63, subpart T

Paragraph 0(5) shall not apply to a bulk gasoline plant which has an average daily throughput, based upon

Paragraph 0(5) shall not apply to a bulk gasoline plant which has an average daily throughput, based upon

Paragraph 0(4) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(4) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(3) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(3) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(2) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(2) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(1) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less

Paragraph 0(1) shall not apply to a bulk gasoline terminal which has a maximum daily throughput equal to or less
shall The director shall be notified within forty-five days after the exceedance occurs. 1704.03(H) YesCAA 182YesYesNo

shall not "Alside, Inc." (facility ID 16773000053) or any subsequent owner or operator of the "Alside, Inc." facility located at 3773 State Road, Cuyahoga Falls, Ohio shall not cause, allow or permit the discharge of any hazardous air pollutant from any process exceeding any of the standards established under paragraphs (T)(1)(a) to (T)(1)(i) of this rule. 1704.03(H) YesCAA 182YesYesNo

shall All pipeline valves in gas service and pressure relief valves in gas service shall be clearly marked and identified in such a manner that they will be obvious to both refinery personnel performing monitoring and to the director. 1704.03(H) YesCAA 182YesYesNo

shall If a leak is identified as a result of the monitoring program required by paragraph (T)(1)(a) of this rule and the concentration of VOC exceeds ten thousand parts per million by volume, a tag shall immediately be placed on the leaking component. 1704.03(H) YesCAA 182YesYesNo

shall The tag shall be readily visible and weatherproof. 1704.03(H) YesCAA 182YesYesNo

shall ... it shall bear an identification number; 1704.03(H) YesCAA 182YesYesNo

shall ... it shall bear an identification number; 1704.03(H) YesCAA 182YesYesNo

shall ... and it shall clearly indicate the date the leak was detected. 1704.03(H) YesCAA 182YesYesNo

shall The tag shall remain in place until the leaking component is repaired. 1704.03(H) YesCAA 182YesYesNo

shall A monitoring log shall be maintained for all leaking components which are tagged in accordance with paragraph (T)(1)(e) of this rule. 1704.03(H) YesCAA 182YesYesNo

shall The monitoring log shall contain, at a minimum, the following data: 1704.03(H) YesCAA 182YesYesNo

shall A copy of the monitoring log shall be retained by the owner or operator for a minimum of two years after the date on which the record was made or the report was prepared. 1704.03(H) YesCAA 182YesYesNo

shall A copy of any monitoring log shall immediately be made available to the director or an authorized representative of the director, upon verbal or written request, at any reasonable time. 1704.03(H) YesCAA 182YesYesNo

shall A report shall be submitted to the director by the fifteenth day of January, April, July and October that gives the total number of components monitored during the previous three calendar months. 1704.03(H) YesCAA 182YesYesNo

shall Any owner or operator of a petroleum refinery shall repair and retest any leaking component, which is tagged and identified in accordance with paragraph (T)(1)(e) of this rule, as soon as possible. 1704.03(H) YesCAA 182YesYesNo

shall Any such process unit turnaround shall be required by means of an order issued by the director to the owner or operator of the petroleum refinery pursuant to division (B) of section 3704.03 of the Revised Code. 1704.03(H) YesCAA 182YesYesNo

shall ... of this rule or for any individual equipment component, finds equivalent to the federal requirements specified in 40 CFR part 60, subparts V-Va, SSS, GGGa and QQQ, or 40 CFR part 63, subparts H and CC shall be acceptable to the director. 1704.03(H) YesCAA 182YesYesNo

shall If a miscellaneous metal parts or products coating is subject to two or more limits as listed in paragraphs (U)(1)(a) to (U)(1)(i) of 1704.03(H) YesCAA 182YesYesNo

shall If a miscellaneous metal parts or products coating is subject to two or more limits as listed in paragraphs (U)(1)(a) to (U)(1)(i) of this rule, the limit which is least restrictive shall apply. 1704.03(H) YesCAA 182YesYesNo

shall Paragraph (U)(2)(G) of this rule shall not apply to the following: 1704.03(H) YesCAA 182YesYesNo

shall The daily usage applicability levels specified in paragraphs (U)(2)(e)(i) to (U)(2)(e)(iii) of this rule shall not apply to coatings employed by the metal parts or products coating line on parts or products which are not metal. 1704.03(H) YesCAA 182YesYesNo

shall The alternative limitation shall be the lowest emission limitation that the coating line is capable of meeting by the application of control technology that is reasonably available. 1704.03(H) YesCAA 182YesYesNo

shall The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction ... 1704.03(H) YesCAA 182YesYesNo

shall not ... but shall not be in terms of mass per time (e.g., pounds per hour). 1704.03(H) YesCAA 182YesYesNo

shall The installation permit shall contain terms and conditions that specify the control requirement or emission limitation that is the basis for the director's alternative limitation determination for the coating line, as described in paragraph (U)(2)(H)(1) of this rule. 1704.03(H) YesCAA 182YesYesNo

shall ... from all miscellaneous metal parts or products coating lines within the facility (pounds of VOC attributed to metal parts or products coating lines in which non-metal parts or products were being coated) shall not count towards this daily limit. 1704.03(H) YesCAA 182YesYesNo

shall At assemblable and light-duty truck assembly plants, paragraph (U)(3)(B) of this rule shall also apply to the application of underbody antichip materials (e.g., underbody plastisol) and to metal surface coating operations. 1704.03(H) YesCAA 182YesYesNo

shall Except where exempted under paragraph (V)(3)(F) of this rule, each owner or operator of a gasoline tank truck shall comply with the following by the date specified in paragraph (U)(2)(G) of rule 3745.21-04 of the Administrative Code: 1704.03(H) YesCAA 182YesYesNo

shall Whenever any gasoline tank truck is removed from service for routine maintenance and repairs, the gasoline tank truck shall also be inspected/repaird in accordance with the following procedures: 1704.03(H) YesCAA 182YesYesNo

shall Inspect all dome cover gaskets to ensure they will properly seal against vapor releases. Any dome cover gasket shall be replaced if its integrity is in doubt. 1704.03(H) YesCAA 182YesYesNo

shall Inspect all dome covers to ensure that the latch tension is such that the cover will be held securely closed to prevent vapor releases. Any dome covers with inadequate latch tension shall be repaired or replaced. 1704.03(H) YesCAA 182YesYesNo

shall Inspect the fusible plugs in each dome cover assembly to ensure proper tightness. Any fusible plugs which are found to be loose or defective shall be tightened or replaced. 1704.03(H) YesCAA 182YesYesNo
3745-21-09  X(11)(e)(ii) shall Inspect each vapor vent hood and sealing band for defects. If any defects are found, the defective vapor vent hood or sealing band shall be replaced with new components.

3745-21-09  X(11)(h)(iii) shall Inspect all vapor return hoses and any associated fittings and adaptors for defects that could allow vapor releases. If defects are found, the defective equipment shall be repaired or replaced.

3745-21-09  Y(11)(h)(iv) shall Inspect any pressure and vacuum relief vents located on the vapor recovery line to ensure that they are clean and in proper working order. If a relief vent is found to be defective, it shall be repaired or replaced.

3745-21-09  Z(3) shall The following external floating roof tanks shall comply with the following no later than the date specified in paragraph (C)(3) of rule 3745-21-04 of the Administrative Code:

3745-21-09  Z(4) shall Except where exempted under paragraph (Z)(3) of this rule, each owner or operator of an external floating roof tank shall notify the director of the expiration of the exemption if any. The number of permits that are required by the director to notify at least five years prior to the expiration of the permits.

3745-21-09  Z(4) shall Any owner or operator of an external floating roof tank that is not exempted pursuant to paragraph (Z)(3)(a) or (Z)(3)(b) of this rule, the owner or operator shall notify the director without thirty days of becoming aware of the occurrence.

3745-21-09  Z(4) shall ... and shall make copies of the records available to the director upon verbal or written request.

3745-21-09  Z(4) shall If an owner or operator places, stores, or holds in an external floating roof tank, that is not exempted pursuant to paragraph (Z)(3)(a) or (Z)(3)(b) of this rule, any petroleum liquid with a true vapor pressure which is greater than 1.5 pounds per square inch absolute and such tank does not comply with paragraph (Z)(1) of this rule, the owner or operator shall notify the director without thirty days of becoming aware of the occurrence.

3745-21-09  Z(4) shall Any bucket or barrel which contains petroleum solvent or petroleum solvent-laden waste shall be covered to minimize solvent evaporation. Any equipment which is leaking perchloroethylene liquid or has a perceptible vapor leak is not to be operated until the leak is repaired.

3745-21-09  Z(4) shall Paragraphs (AA)(1)(a) through (AA)(1)(e) of the rule shall not apply to any facility in which the owner or operator has satisfactorily demonstrated that perchloroethylene is less than sixty thousand pounds.

3745-21-09  Z(4) shall Paragraph (AA)(1)(h) of this rule shall not apply to any facility in which the owner or operator has satisfactorily demonstrated that a carbon adsorber or refrigerated condenser cannot be installed because of inadequate space.

3745-21-09  Z(4) shall Compliance with paragraph (AA)(1)(i) of this rule shall be determined by means of visual inspection of the following components:

3745-21-09  Z(4) shall Each owner or operator of a perchloroethylene dry cleaning facility shall maintain the following records in a readily accessible location for at least three years...

3745-21-09  Z(4) shall Any dry clean articles cleaned in perchloroethylene shall comply with the following:

3745-21-09  Z(4) shall Any equipment associated with the use of petroleum solvent shall be visually inspected weekly to identify any liquid leaks of petroleum solvent.

3745-21-09  Z(4) shall Any liquid or vapor leak of petroleum solvent shall be repaired within fifteen days after identifying the source of the leak, unless a necessary repair part is not on hand. If a repair part is not on hand, it shall be ordered within three working days after identifying the source of the leak.

3745-21-09  Z(4) shall The leak shall be repaired within fifteen days following the delivery of the necessary repair part.
3745-21-09 88(2) shall Any owner or operator of a solvent recovery dryer subject to paragraph (88)(2) of this rule shall perform a test, in accordance with paragraph (N) of rule 3745-21-10 of the Administrative Code, to demonstrate the minimum length of time for operating the recovery cycle of the dryer.

3745-21-09 88(3) shall Paragraphs (88)(1)(a), (88)(1)(b), and (88)(2) of this rule shall not apply to any petroleum dry cleaning facility that meets either of the following:

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(4)(a) shall Any owner or operator of a petroleum solvent dry cleaning facility that is exempted pursuant to paragraph (88)(3)(b) of this rule shall maintain records of annual solvent consumption in a readily accessible location for at least five years ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(4)(a) shall ... and shall make these records available to the director upon oral or written request.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(4)(b) shall Any owner or operator of a petroleum solvent dry cleaning facility shall maintain records of the following information in a readily accessible location for at least five years ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(5)(a) shall Any test result that shows an exceedance of the limitation specified in paragraph (78)(1)(a)(ii), (88)(3)(a)(ii), or (88)(1)(b)(ii) of this rule shall be reported to the director within thirty days after the occurrence.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(5)(b) shall Any leaks in vapor or liquid lines that are not repaired within fifteen days after identification shall be reported to the director within thirty days after the repair is completed.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(5)(c) shall For any petroleum dry cleaning facility that is exempted pursuant to paragraph (88)(3)(b) of this rule and has an annual consumption of petroleum solvent greater than four thousand seven hundred gallons, the owner or operator shall notify the director within thirty days of becoming aware of the occurrence.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(5)(c) shall ... final product one or more of the organic chemicals identified in appendix A to this rule shall comply with paragraphs (DD)(2) to (DD)(6) of this rule no later than the date specified in paragraph (C)(3) of rule 3745-21-04 of the Administrative Code.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(a) shall A leak detection and repair program for equipment in the process unit shall be developed and implemented in accordance with paragraphs (DD)(1)(a)(i) to (DD)(1)(m) of this rule.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Except as otherwise provided in paragraphs (DD)(2)(i) and (DD)(2)(ii) of this rule, equipment shall be monitored for leaks in accordance with the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code, as follows:

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Any pump in liquid service shall be monitored monthly.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Any valve in gas/vapor service or in liquid service shall be monitored monthly, except that quarterly monitoring may be employed anytime after no leaks are detected during two consecutive months.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall The quarterly monitoring shall begin with the next calendar quarter following the two consecutive months of no detected leaks ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall ... and shall be conducted in the first month of each calendar quarter.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall The quarterly monitoring may continue until a leak is detected, at which time monthly monitoring shall be employed again.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Any of the following equipment shall be monitored within five calendar days after evidence of a leak or potential leak from the equipment by visual, audible, olfactory, or other detection method shall be monitored within five working days after each attempt to repair, unless the owner or operator believes that the equipment was not successfully repaired.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Any pump in liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal, unless the pump is equipped with a closed vent system capable of transporting ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Any sensor employed pursuant to paragraph (DD)(2)(g) or (DD)(3)(b) of this rule shall be checked daily, unless the sensor is equipped with an audible alarm.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall The leak repair log shall be recorded in a leak repair log: ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the following procedures shall be followed:

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the leaking equipment shall be repaired as soon as practicable, but no later than fifteen calendar days after the leak is detected, except for a delay of repair as provided in paragraph (DD)(1)(m) of this rule ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall ... leaking equipment shall be deemed repaired if the maximum concentration measured pursuant to paragraph (DD)(2)(g) of this rule is less than ten thousand ppm.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall When a leak is detected as described in paragraph (DD)(2)(g) of this rule, a first attempt at repair shall be made no later than five calendar days after the leak is detected; ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall ... and the first attempts at repair shall include, but are not limited to, the following best practices where practicable:

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall When a leak is detected as described in paragraph (DD)(2)(g) of this rule, the following information shall be recorded in a leak repair log:

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall The leak repair log shall be retained by the owner or operator of the process unit in a readily accessible location for a minimum of two years after the date on which the record was made.

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall Semiannual reports shall be submitted to the director by the first day of February and August ...

3704.03(E) Yes CAA 182 Yes Yes No

3745-21-09 88(3)(b) shall ... and shall include the following information for the preceding semiannual periods:

3704.03(E) Yes CAA 182 Yes Yes No
3745-21-09 (DD)(3)(a) shall Any open-ended valve or line in the process unit shall comply with paragraph (DD)(3)(b) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(3)(b) shall The compressor shall be equipped with a seal that has a barrier fluid system and sensor which comply with paragraph (DD)(9)(a) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(4)(a) shall Except as otherwise provided in paragraph (DD)(4)(a) of this rule, any pressure relief device in gas/vapor service in the process unit shall comply with paragraphs (DD)(4)(b) to (DD)(4)(d) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(4)(b) shall Except during pressure releases, the pressure relief device shall be equipped with no detectable emissions, as indicated by an instrument reading of less than five hundred ppmv above background, as measured by the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(4)(c) shall No later than five calendar days after a pressure release, the pressure relief device shall be tested to confirm the condition of no detectable emissions in accordance with the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(4)(d) shall After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions as soon as practicable, but no later than five calendar days after the pressure release, except for a delay of repair as provided in paragraph (DD)(11)(f) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(5)(a) shall Except as otherwise provided in paragraph (DD)(5)(c) of this rule, any sampling connection system in the process unit shall comply with paragraph (DD)(5)(b) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(5)(b) shall The sampling connection system shall be equipped with a closed purge system or a closed vent system that meets one of the following: 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(6)(a) shall Any open-ended valve or line in the process unit shall be equipped with a cap, blind flange, plug, or second valve... 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(6)(b) shall, and shall comply with paragraphs (DD)(6)(b)(i) to (DD)(6)(d) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(6)(b)(i) shall Except during operations requiring the flow of process fluid through the open-ended valve or line, the cap, blind flange, plug, or second valve shall seal the open end of the open-ended valve or line. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(6)(b)(ii) shall If equipped with a second valve, the open-ended valve or line shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(6)(b)(iii) shall If a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves, but shall comply with paragraph (DD)(6)(b) of this rule at all other times. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(7)(a) shall Any equipment (pump, valve, or compressor) designated for no detectable emissions pursuant to paragraph (DD)(3)(d)(ii), (DD)(3)(d)(iii), (DD)(4)(a), or (DD)(4)(b) of this rule shall comply with paragraphs (DD)(7)(b) to (DD)(7)(d) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(7)(b) shall The equipment shall be operated with no detectable emissions as indicated by an instrument reading of less than five hundred ppmv above background as measured by paragraph (F) of rule 3745-21-10 of the Administrative Code. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(7)(c) shall The equipment shall be tested for compliance with paragraph (DD)(7)(b) of this rule initially upon designation and annually. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(7)(d) shall The designation of the equipment shall be signed by the owner or operator of the equipment in the log kept pursuant to paragraph (DD)(14)(b) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(8)(a) shall When a pump or compressor is equipped with a seal that has a barrier fluid system and sensor which are employed to meet paragraph (DD)(2)(b)(i) or (DD)(3)(e) of this rule, paragraphs (DD)(8)(b) to (DD)(8)(f) of this rule shall be met. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(8)(b) shall The barrier fluid system shall meet one of the following conditions: 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(8)(c) shall The barrier fluid system shall be in heavy liquid service... 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(8)(d) shall ... or shall not be in VOC service. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(8)(e) shall The barrier fluid system shall be equipped with a sensor that will detect failure of the seal system, the barrier fluid system, or both based on criteria determined by the owner or operator from design considerations and operating experience. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(9)(a) shall Any closed vent system that is used to comply with paragraph (DD)(2)(b)(ii), (DD)(3)(d)(i), (DD)(4)(a), or (DD)(4)(b)(i) of this rule shall comply with paragraphs (DD)(9)(b)(i) to (DD)(9)(d) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(9)(b) shall The closed vent system shall be designed and operated with no detectable emissions, as indicated by an instrument reading of less than five hundred ppmv above background, as measured by the method specified in paragraph (F) of rule 3745-21-10 of the Administrative Code. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(9)(c) shall The closed vent system shall be tested for compliance with paragraph (DD)(9)(d) of this rule initially and annually. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(9)(d) shall The closed vent system shall be operated at all times when emissions may be vented to it. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(10)(a) shall Any control equipment that is used to comply with paragraph (DD)(10)(a)(i), (DD)(10)(b), (DD)(14)(a), (DD)(14)(b)(i), (DD)(14)(b)(ii), or (DD)(11)(d)(ii) of this rule shall comply with paragraphs (DD)(10)(b)(ii) to (DD)(10)(f) of this rule. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(10)(b) shall If the control equipment is a vapor recovery system, the vapor recovery system shall be designed and operated to recover VOC emissions vented to the vapor recovery system with an efficiency of at least ninety-five percent by weight. 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(10)(c) shall If the control equipment is an enclosed combustion device, the enclosed combustion device shall be designed and operated to reduce the VOC emissions vented to the enclosed combustion device with an efficiency... 3704.03(1) Yes CAA 182 Yes Yes No

3745-21-09 (DD)(10)(d) shall If the control equipment is a flare, the flare shall meet the following: 3704.03(1) Yes CAA 182 Yes Yes No
The flare shall be designed for and operated with no visible emissions as determined by USEPA method 22, except for periods not to exceed a total of five minutes during any one hundred twenty consecutive minutes.

The flare shall be designed with either an electric arc ignition system or a pilot flame.

If a pilot flame is employed, the flame shall be present at all times.

If an electric arc ignition system is employed, the arcing shall pulse continually.

... and shall be monitored with a thermocouple or any other equivalent device to detect the presence of the pilot flame.

The owner or operator of the control equipment shall monitor the control equipment to ensure that it is operated and maintained in conformance with its design.

The net heating value of the gas being combusted in the flare, as determined by the method specified in paragraph (P)(2) of rule 3745-21-09 of the Administrative Code, shall be three hundred Btu/scf or greater if the flare is steam-assisted or air-assisted, be two hundred Btu/scf or greater if the flare is nonassisted.

The net heating value of the gas being combusted in the flare, as determined by the method specified in paragraph (P)(3) of rule 3745-21-10 of the Administrative Code, shall be greater than one thousand Btu/scf.

The owner or operator of the control equipment shall ensure that the control equipment is operated and maintained in conformance with its design.

The alternative monitoring schedule shall be based on skipping quarterly monitoring periods provided the percentage of valves leaking is no more than 2.0.

... and shall be allowed if the repair is technically infeasible without a process unit shutdown.

... or shall be allowed only as provided in paragraphs (DD)(11)(b) to (DD)(11)(f) of this rule.

A delay of repair beyond the next process unit shutdown shall be allowed for that valve unless the next process unit shutdown occurs sooner than six months after the first process unit shutdown.

The alternative monitoring schedule shall be based on skipping quarterly monitoring periods provided the percentage of valves leaking is no more than 2.0.

... and shall be allowed if the repair is technically infeasible without a process unit shutdown.

... or shall be allowed only as provided in paragraphs (DD)(11)(b) to (DD)(11)(f) of this rule.

A delay of repair beyond the next process unit shutdown shall be allowed for a valve if a valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted.

A delay of repair for a pump shall be allowed if the following occurs:

A delay of repair for a pump shall be allowed if the following occurs:

The alternative monitoring schedule shall be based on skipping quarterly monitoring periods provided the percentage of valves leaking is no more than 2.0.

... and shall be allowed if the repair is technically infeasible without a process unit shutdown.

... or shall be allowed only as provided in paragraphs (DD)(11)(b) to (DD)(11)(f) of this rule.

The owner or operator shall notify the director prior to implementing this alternative monitoring schedule.

Such notification shall identify which valves will be subject to this alternative monitoring schedule and which work practice within paragraph (DD)(12)(b)(i) of this rule will be implemented.

Any valve in vacuum service, in heavy liquid service, or not in VOC service, shall be excluded from this alternative monitoring schedule.

Any valve subject to this alternative monitoring schedule shall comply initially with the monitoring requirements specified in paragraphs (DD)(2)(b)(ii) of this rule.

Any valve subject to this alternative monitoring schedule shall comply initially with the monitoring requirements specified in paragraphs (DD)(2)(b)(ii) of this rule.

The following information pertaining to valves subject to this alternative monitoring schedule shall be recorded in a log that is kept in a readily accessible location:

... and the alternative monitoring standard shall be based on maintaining the percentage of valves leaking at 2.0 or less.

... and shall be allowed if the repair is technically infeasible without a process unit shutdown.

... or shall be allowed only as provided in paragraphs (DD)(11)(b) to (DD)(11)(f) of this rule.

The owner or operator shall notify the director prior to implementing this alternative monitoring standard.

All valves in gas/vapor service or in light liquid service in the process unit shall be subject to this alternative monitoring standard, except for those valves which are designated as unsafe to monitor as provided in paragraph (DD)(12)(c)(i) of this rule, those valves vent in VOC service, and those valves in vacuum service.
The semiannual reports shall be submitted by the first day of February and August...

If an air oxidation process has more than one process vent stream, the total resource effectiveness value shall be based upon a combination of the process vent streams.

The total resource effectiveness value for an air oxidation process shall be calculated in accordance with the following equations:

The parameters used in the total resource effectiveness equations shall be measured at the outlet of the final product recovery device where VOC is reclaimed for beneficial reuse (recycle, sale or use in another part of the process).

The exhaust gas from any combustion device installed to meet paragraph (EE)(14)(b) of this rule for a process vent stream containing chlorinated VOC shall be controlled by a scrubber which is designed and operated to remove at least ninety-nine percent

The equivalent requirement shall be specified in the special terms and good engineering practices. This exemption shall terminate for such process vent stream if the combustion device is replaced with new control equipment for which construction commenced on or after May 9, 1986.

Any process vent stream which is vented to a combustion device for which construction commenced prior to May 9, 1986, shall be exempt from paragraph (EE)(1) of this rule, provided the combustion device is operated and maintained in accordance with design specifications and good engineering practices.

The parameters used in the total resource effectiveness equations shall be measured at the outlet of the final product recovery device where VOC is reclaimed for beneficial reuse (recycle, sale or use in another part of the process).
**3745-21-09**

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Text</th>
<th>Source</th>
<th>Yes/No</th>
<th>Yes/No</th>
<th>Yes/No</th>
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</thead>
<tbody>
<tr>
<td>FF(1)</td>
<td>The VOC content of the adhesive coatings employed in the adhesive coating line for steel door panels and in the adhesive coating line for honeycomb paper shall not exceed 0.7 pound of VOC per gallon of adhesive coating, excluding water and exempt solvents.</td>
<td>3704.03(E)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The uncontrolled VOC emissions from the steel door wipe cleaning operation shall be reduced and maintained below fourteen tons per year.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall keep monthly records which document the quantity and composition of the solvents used in the door wiping operation.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>These records shall be maintained at the facility for a period of three years.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>If the owner or operator shall notify the director of any annual VOC emission rate that exceeds fourteen tons per year.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The VOC emissions from the nitro-buta diene rubber production operation shall be controlled by employing a continuous steam stripper following the degassing vessels to maximize the removal of residual monomers (acrylonitrile and butadiene).</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The continuous steam stripper shall be designed and operated to achieve a residual monomer content, as determined by the &quot;Goodway Method E-846,&quot; of not greater than nine hundred parts per million by weight (total acrylonitrile and butadiene) in the polymer (rubber) blend tanks immediately following...</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>All exhaust gases from the stripper shall be vented to the butadiene recovery operation or to a flare system which complies with paragraphs (DD)(10)(d), (DD)(10)(e), and (DD)(10)(f) of this rule.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall perform daily analyses of the residual monomer content in the polymer blend tanks...</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall maintain records of the results of the analyses at the facility for a period of three years.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall notify the director of any residual monomer content that exceeds nine hundred parts per million by weight.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>A copy of the record showing the exceedance shall be submitted to the director within forty-five days after the exceedance occurs.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The VOC emissions from the butadiene recovery operation shall be vented to a flare system which complies with paragraphs (DD)(10)(d), (DD)(10)(e), and (DD)(10)(f) of this rule.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The ratio shall be expressed as a percentage.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The ratio shall be calculated not later than the Monday following each seven-day period...</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall maintain records of the calculations at the facility for a period of three years.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The owner or operator shall notify the director of any weekly average control efficiency that is less than seventy percent, by weight.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>A copy of the record showing the noncomplying weekly average control efficiency shall be submitted to the director within thirty days of the occurrence.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>The railcar unloading operation shall be a closed-loop system that uses compressed VOC from storage, rather than nitrogen, to unload the VOC in the railcar...</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>Except where exempted under paragraph (FF)(2) of this rule, any reactor process vent stream shall be vented to one of the following control equipment:</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>Any process wastewater stream from a reactor process shall be discharged to a wastewater separator that has all separator sections equipped with covers and seals which minimize the amount of VOC exposed to the ambient air.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
<tr>
<td>FF(2)</td>
<td>... If the reactor process has more than one of these reactor process vent streams, the VOC emission rate shall be based upon a combination of such reactor process vent streams.</td>
<td>3704.03(J)</td>
<td>Yes</td>
<td>CA A 182</td>
<td>Yes</td>
</tr>
</tbody>
</table>
3745-21-09 (LL)(3)(a) shall These records shall be kept daily records of the following information:

In such cases, the owner or operator shall calculate the calendar month and rolling twelve-month VOC emissions from the reactor process vent streams and maintain records of the results of the calculations at the facility for a period of three years.

3745-21-09 (LL)(3)(a) shall The owner or operator shall notify the director of any rolling twelve-month VOC emission calculation that exceeds five tons.

3745-21-09 (LL)(3)(a) shall A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.

3745-21-09 (LL)(3)(b) shall ... This exemption shall terminate for such reactor process vent stream if the enclosed combustion device or flame is replaced with new control equipment for which construction commenced on or after May 25, 1988.

3745-21-09 (LL)(3)(c) shall If the reactor process has more than one of these air bearing process vent streams, the total resource effectiveness value shall be based upon a combination of such reactor process vent streams.

3745-21-09 (MM) shall "PPG Industries, Inc. - Cleveland" facility located at 3800 West 149th street, Cleveland, Ohio shall comply, on and after May 25, 1988, with the following requirements for the VOC emissions from the paint manufacturing operations and associated paint laboratory operations:

3745-21-09 (MM)(1) shall The paint manufacturing operations shall include the following equipment for the processing or use of solvent based or waterbased paint materials; mixing tanks for paint liquids and pigments, grinding mills, paint thinning, and recovery equipment for the cleaning solvents. The paint laboratory operations shall include the following equipment for the processing or use of solvent based or waterbased paint materials: paint spray booths and associated ovens within the paint manufacturing quality control laboratory and the paint research laboratory.

3745-21-09 (MM)(2) shall Except as otherwise provided in paragraph (MM)(4) of this rule, the VOC emissions from the equipment included within the paint manufacturing operations shall be vented either directly or by means of a building or local area exhaust to a control system which maintain compliance with any of the following:

3745-21-09 (MM)(3) shall Paragraphs (MM)(2) and (MM)(3) of this rule apply to any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations during each of the following situations:

3745-21-09 (MM)(4) shall The VOC control efficiency or outlet VOC concentrations shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.

3745-21-09 (MM)(7) shall Any mixing or blending tank containing a paint material shall be equipped with a cover or lid that completely covers the opening of the tank, except for an opening no larger than necessary to allow for safe clearance for the mixer's shaft. Such tank shall be covered at all times in which the tank contains a paint material except when operator access is necessary to add ingredients or take samples.

3745-21-09 (MM)(8) shall For the VOC control device, the VOC control (destruction) efficiency shall be determined by means of a continuous measurement and recording of such temperature.

3745-21-09 (MM)(9) shall For a control system identified in paragraph (MM)(2) or (MM)(3) of this rule that employs incineration, the incineration temperature shall be determined by means of a continuous measurement and recording of such temperature.

3745-21-09 (NN) shall "Von Roll Isola USA, Inc." facility located at 4853 West 130th street, Cleveland, Ohio shall not cause, allow or permit the discharge into the ambient air of any VOC from any mica coating or laminating line after the date specified in paragraph (C)(48) of rule 3745-21-04 of the Administrative Code unless the following are met:

3745-21-09 (NN)(1) shall These records shall be maintained at the facility for a period of three years.

3745-21-09 (NN)(1) shall For the VOC control device, the VOC control (destruction) efficiency shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.

3745-21-09 (NN)(2) shall ... which shall maintain compliance with a minimum control efficiency of ninety per cent by weight for the VOC emissions or a maximum outlet VOC concentration of twenty parts per million by volume (dry basis).

3745-21-09 (NN)(3) shall Paragraphs (MM)(2) and (MM)(3) of this rule shall not apply to any specific piece of equipment included within the paint manufacturing operations or the paint laboratory operations during each of the following situations:

3745-21-09 (NN)(4) shall The owner or operator shall keep the records required by paragraphs (MM)(6) and (MM)(8) of this rule at the facility for a period of three years.

3745-21-09 (NN)(11) shall ... except as provided in paragraph (NN)(12) of this rule, each mica coating or laminating line shall be equipped with a VOC emission control system that is designed and operated to achieve a capture efficiency of one hundred per cent and a control destruction efficiency of at least ninety-five per cent.

3745-21-09 (NN)(11) shall To meet the one hundred per cent capture efficiency requirement, such mica coating or laminating line shall employ a permanent total enclosure that complies with USEPA method 204 and paragraph (NN)(12) of this rule.

3745-21-09 (NN)(12) shall Paragraph (NN)(11) of this rule shall not apply to any mica coating or laminating line which employs less than five tons of VOC per year.

3745-21-09 (NN)(12) shall In such cases, the owner or operator shall keep monthly records that document the VOC emissions from the mica coating or laminating line.

3745-21-09 (NN)(2) shall These records shall be maintained at the facility for a period of three years.

3745-21-09 (NN)(2) shall The owner or operator shall notify the director of any annual VOC emission rate that equals or exceeds five tons per year.

3704.03(E) Yes CAA 182 Yes Yes No
shall The lid

shall The opening for the mixer shaft

shall A copy of the record showing the exceedance shall be submitted to the director within thirty days after the exceedance occurs.

shall Each permanent total enclosure shall be maintained under negative pressure at a minimum differential pressure of 0.007 inch of water, as a three-hour average, at all times when the mica coating or laminating line is in operation.

shall The VOC propellant being purged shall be a vacuum system which consists of a vacuum pump and condenser.

shall Each mixing vessel having a capacity of four hundred gallons or less shall be equipped with a lid that remains in place at all times unless the vessel is empty or being emptied.

shall... The lid shall maintain contact along the entire perimeter of the vessel's rim... 3704.03(I) Yes CAA 182 Yes Yes No

shall Each opening for the mixer shaft shall be no larger than three inches in diameter

shall... or any subsequent owner or operator of the "Sherwin-Williams Co." facility located at 26300 Fargo avenue, Bedford Heights, Ohio shall comply with the following:

shall... "Day-Glo Color Corp." facility located at 4515 St. Clair avenue, Cleveland, Ohio, shall comply with the following requirements by no later than the date specified in paragraph (C)(51) of rule 3745-21-04 of the Administrative Code:

shall... shall have no openings except as follows:

shall... The owner or operator shall submit quarterly, deviation (excursion) reports that identify all three-hour blocks of time during which each permanent total enclosure was not maintained at the minimum pressure differential of 0.007 inch of water, as a three-hour average.

shall The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the owner or operator.
The owner or operator shall install, operate, and maintain a lower explosive limit (LEL) monitoring system that continuously measures and records the concentration of VOC and percent LEL within each gashouse line and the inlet vent to the thermal incinerator.

The LEL detectors shall have a minimum accuracy of plus or minus two per cent. (3704:03(l))  
3745-21-09 RR(4)(a)(ii) shall Yes CAA 182 Yes Yes No

The LEL detectors shall be installed, calibrated, operated and maintained in accordance with the manufacturer’s recommendations. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The owner or operator shall calibrate the LEL detectors once per month following the manufacturer’s protocol. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

... and shall record the date and results of each calibration. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The owner or operator shall install, operate, and maintain mass flow meter that continuously measures and records the flow rate within each gashouse line. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The mass flow meters shall have a minimum accuracy of plus or minus 5 per cent. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The mass flow meters shall be installed, calibrated, operated and maintained in accordance with the manufacturer’s recommendations. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The owner or operator shall check the mass flow meters once every six months for accuracy using a pilot tube. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

... shall record the date and results of each accuracy check. (3704:03(l))  
3745-21-09 RR(4)(a)(iii) shall Yes CAA 182 Yes Yes No

The owner or operator shall check and record the following information for each day of gashouse operation: (3704:03(l))  
3745-21-09 RR(4)(b) shall Yes CAA 182 Yes Yes No

The owner or operator shall collect and record for each aerosol can production line at this facility the following production information each month: (3704:03(l))  
3745-21-09 RR(4)(c) shall Yes CAA 182 Yes Yes No

... and shall be available for review by the director or any authorized representative of the director during normal business hours. (3704:03(l))  
3745-21-09 RR(4)(c) shall Yes CAA 182 Yes Yes No

The owner or operator shall submit quarterly compliance status reports to the appropriate Ohio EPA district office or local air agency. (3704:03(l))  
3745-21-09 RR(4)(d) shall Yes CAA 182 Yes Yes No

The owner or operator shall submit to the appropriate Ohio EPA district office or local air agency the quarterly compliance status reports specified in paragraph (RR)(5)(a) of this rule. (3704:03(l))  
3745-21-09 RR(5)(b) shall Yes CAA 182 Yes Yes No

These quarterly compliance status reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first. (3704:03(l))  
3745-21-09 RR(5)(b) shall Yes CAA 182 Yes Yes No

... and January thirty-first and shall cover the records for the previous calendar quarters. (3704:03(l))  
3745-21-09 RR(5)(b) shall Yes CAA 182 Yes Yes No

For loading operations, the monthly VOC emissions (pounds), E(mixing), shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(a)(i) shall Yes CAA 182 Yes Yes No

For loading VOC liquid into a mixing tank, the monthly VOC emissions shall be calculated, based on the ideal gas law and displacement of saturated vapors at seventy degrees Fahrenheit (twenty-one degrees Celsius), as follows: (3704:03(l))  
3745-21-09 RR(6)(a)(ii) shall Yes CAA 182 Yes Yes No

For the filling of VOC liquids during mixing, the monthly VOC emissions shall be calculated, based on the ideal gas law and venting of saturated vapors at eighty degrees Fahrenheit (twenty-seven degrees Celsius), as follows: (3704:03(l))  
3745-21-09 RR(6)(a)(iii) shall Yes CAA 182 Yes Yes No

An alternative method for calculating the monthly emissions rate for liquid mixing operations shall be as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(i) shall Yes CAA 182 Yes Yes No

If for any month in which the use of the alternative method described in paragraph (RR)(6)(d)(i) of this rule shows noncompliance with the VOC emission limit, the method described in paragraphs (RR)(6)(d)(ii) to (RR)(6)(d)(iii) of this rule shall be used to calculate monthly emissions for liquid mixing operations. (3704:03(l))  
3745-21-09 RR(6)(d)(ii) shall Yes CAA 182 Yes Yes No

For the liquid filling of aerosol cans, the monthly VOC emissions (pounds) shall be calculated, based on the ideal gas law and displacement of saturated vapors at seventy degrees Fahrenheit (twenty-one degrees Celsius) as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(ii) shall Yes CAA 182 Yes Yes No

... paragraph (RR)(6)(d)(iii) of this rule shows noncompliance with the VOC emission limit, the method described in paragraph (RR)(6)(d)(ii) of this rule shall be used to calculate monthly emissions for liquid filling of aerosol cans. (3704:03(l))  
3745-21-09 RR(6)(d)(iii) shall Yes CAA 182 Yes Yes No

For gasser operations, the monthly VOC emissions in pounds, E(gasser), shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(iv) shall Yes CAA 182 Yes Yes No

For the filing of aerosol cans with VOC propellant and the purging of lines containing VOC propellant, the monthly VOC emissions for filing and line purging shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(v) shall Yes CAA 182 Yes Yes No

For gasser operations equipped with a thermal incinerator in which the VOC emissions from the filling of aerosol cans with VOC propellant are vented to the thermal incinerator and the line purging of VOC propellant is recovered for use as a fuel in the thermal incinerator, the monthly VOC emissions for filing and line purging shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(vi) shall Yes CAA 182 Yes Yes No

For gasser operations equipped with a thermal incinerator in which the VOC emissions from the filling of aerosol cans with VOC propellant are vented to the thermal incinerator and the line purging of VOC propellant is recovered for use as a fuel in the thermal incinerator, the monthly VOC emissions for filing and line purging shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(vii) shall Yes CAA 182 Yes Yes No

For gasser operations equipped with a thermal incinerator in which the VOC emissions from the filling of aerosol cans with VOC propellant are vented to the thermal incinerator and the line purging of VOC propellant is recovered for use as a fuel in the thermal incinerator, the monthly VOC emissions for filing and line purging shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(viii) shall Yes CAA 182 Yes Yes No

For gasser operations equipped with a thermal incinerator in which the VOC emissions from the filing of aerosol cans with VOC propellant are vented to the thermal incinerator and the line purging of VOC propellant is recovered for use as a fuel in the thermal incinerator, the monthly VOC emissions for filing and line purging shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(ix) shall Yes CAA 182 Yes Yes No

The amount of VOC emissions in pounds for a safety diversion event, E(divert), shall be calculated as follows: (3704:03(l))  
3745-21-09 RR(6)(d)(x) shall Yes CAA 182 Yes Yes No

For the manual aerosol can cleaning operations (can brushing operations), VOC emissions shall be equal to the mass of VOC solvent consumed in the operation. (3704:03(l))  
3745-21-09 RR(6)(d)(xi) shall Yes CAA 182 Yes Yes No
The owner or operator shall conduct, or have conducted, emissions testing for the thermal incinerator to demonstrate the thermal incinerator's mass emission rate, destruction efficiency, and overall control efficiency for VOC emissions from this facility's gashouse operations in accordance with the following:

The VOC emissions for a safety diversion event shall be calculated based on the average concentration of the LEL detectors associated with the gashouse line, the flow rate of the gashouse line (measured with a mass flow meter), the propellant being handled, and the length of the event (seconds): ... and shall check the flow meters once every six months for accuracy using a pilot tube.

On and after March 31, 1993, "Ritrama Duramark" (facility ID 1518007355) or any subsequent owner or operator of the "Ritrama Duramark" facility located at 341 Eddy road, Cleveland, Ohio shall not cause, allow or permit the discharge into the ambient air of any VOC from the vinyl film casting line unless all of the VOC emissions are vented to an incinerator that is designed and operated ....

On and after the date specified in paragraph (CS)(5)(ii) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the alkyl 1 blowdown drum and the alkyl 2 blowdown drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.

On and after the date specified in paragraph (CS)(5)(i) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the jokers 1 and 2 blowdown drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.

On and after the date specified in paragraph (CS)(5)(i) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the SPOP waterwash tower spentwash flash drum and the POLY waterwash tower spentwash flash drum shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.

On and after the date specified in paragraph (CS)(5)(i) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the crude desalter shall be discharged to a steam stripper for the recovery of condensable hydrocarbons, ....

On and after the date specified in paragraph (CS)(5)(i) of rule 3745-21-04 of the Administrative Code, all VOC emissions from the steam stripper shall be vented to a flare that complies with paragraphs (DD)(10)(d) to (DD)(10)(f) of this rule.

On and after the date specified in paragraph (CS)(5)(i) of rule 3745-21-04 of the Administrative Code, the barometric condensers and hot wells serving crude vacuum unit 1 and associated with cooling tower cell B shall be replaced with surface condensers (shell and tube heat exchangers).
On and after the date specified in paragraph (C)(55)(e) of rule 3745-21-04 of the Administrative Code, the barometric condensers and hot wells serving crude vacuum unit 2 and associated with cooling tower cell 7 shall be replaced with surface condensers (shell and tube heat exchangers).

On and after March 31, 1993, all VOC emissions from the asphalt oxidizer be vented to an enclosed combustion device that is designed and operated to reduce....

On and after March 31, 1993, all VOC emissions from the reactor process vent streams from the methyl anthranilate and anthranilic acid manufacturing operations shall be vented to an enclosed combustion device that is designed and operated to reduce....

The vapor control system shall be vented to an enclosed combustion device that is designed and operated to reduce....

For the OCBs fine chemicals system II process, the VOC emissions from the centrifuge vent shall not exceed twelve pounds of VOC per six thousand pounds of product, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.

Firestone Polymers' Facility located at 381 West Wilberth road, Akron, Ohio shall comply with the following requirements for the VOC emissions from the reactor processes no later than the date specified in paragraph (C)(80) of rule 3745-21-04 of the Administrative Code.

Except where exempted under paragraph (Z)(2) of this rule, each reactor process vent stream shall be vented to one of the following control equipment:

For the superlite (trademark) process, the VOC emissions from the reactor process vent streams, except the process emergency safety relief devices, shall be vented to a control device that is designed and operated to achieve a control efficiency of at least ninety-five per cent, by weight, as determined under paragraph (C) of rule 3745-21-10 of the Administrative Code.

Except as otherwise provided in paragraph (DDD)(2)(h) of this rule, within sixty days after the installation or modification of a vapor control system required pursuant to paragraph (DDD)(1) of this rule, the owner or operator of the gasoline dispensing facility shall perform and comply with the following tests:

For purposes of paragraph (DDD)(2)(a) of this rule, the modification of a vapor control system shall include the following:

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For purposes of paragraph (DDD)(2)(a) of this rule, the modification of a vapor control system shall include the following:

For purposes of paragraph (DDD)(2)(a) of this rule, the modification of a vapor control system shall include the following:
Paragraph (DDD)(1)(c) of this rule shall not apply to any gasoline dispensing facility which has a monthly gasoline throughput of less than ten thousand gallons per month or to any gasoline dispensing facility which is owned by an independent small business marketer and which has a monthly gasoline throughput of less than fifty thousand gallons per month. 

Paragraph (DDD)(1)(a) and (DDD)(1)(b) of this rule that refer to a CARB certification shall not apply to any gasoline dispensing facility where gasoline is dispensed to a fleet of motor vehicles in which ninety-five per cent or more of the fleet of motor vehicles being fueled with gasoline are equipped with onboard refueling vapor recovery. 

Paragraph (DDD)(1)(d) of this rule shall not apply to any motor vehicle fueling or refueling operation which is located at an automobile or light-duty truck assembly plant that has not been tested in accordance with paragraph (DDD)(2)(a)(i) of this rule as of January 17, 1995, shall be tested in accordance with paragraph (DDD)(2)(a) of this rule by July 17, 1995. 

Paragraph (DDD)(1)(e) of this rule shall not apply to any gasoline dispensing facility located within two hundred feet from each other that shall be considered separate from any fleet of motor vehicles being fueled with gasoline.
shall not apply to a "new gasoline dispensing facility" if the facility does both of the following:

- The owner or operator of the facility has a written plan that requires monitoring of the valve at least once per year.
- The director also may suspend the requirements of this paragraph in the event that the USEPA promulgates or a federal court of necessary

Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (5) of rule 3745-21-10 of the Administrative Code.

Any owner or operator of a coating line or printing line referenced in paragraphs (B)(3)(j) and (B)(3)(l) of this rule shall submit to the director quarterly summaries of the records required by paragraphs (B)(3)(j)(vi) to (B)(3)(j)(viii) and (B)(3)(l)(ii) to (B)(3)(l)(iv) of this rule.

Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (5) of rule 3745-21-10 of the Administrative Code.

Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (5) of rule 3745-21-10 of the Administrative Code.

Any other test that is necessary to demonstrate the adequacy of a vapor control system.

The owner or operator of the valve has a written plan that requires monitoring of the valve at least once per year.

The director shall not make a determination of the use of low permeation hoses until a violation of the ambient air quality standard for ozone is measured in the area or the USEPA disapproves the redesignation request.

... and shall be made available to the director or the director's authorized representative for review within seven business days of a request.

... documentation of the use of low permeation hoses shall be retained for a period of not less than three years...

Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (5) of rule 3745-21-10 of the Administrative Code.

Either means for reducing the emission of VOC into the ambient air as may be required by the director.

The director may require a process unit turnaround to occur earlier than the normally scheduled date if the number and severity of leaking components awaiting a turnaround warrant such action.

The director may require other tests that have been authorized to be conducted in accordance with Petroleum Equipment Institute's guidance, "Recommended Practices for Installation and Testing of Vapor Recovery Systems at Vehicle Refueling Sites.

The director may require the use of a dual mechanical seal system and associated barrier fluid system.

The repair requires the use of a dual mechanical seal system and associated barrier fluid system.

The director may require the use of a dual mechanical seal system and associated barrier fluid system.

The repair requires the use of a dual mechanical seal system and associated barrier fluid system.

Any other test that is necessary to demonstrate the adequacy of a vapor control system.

Any owner or operator of a source referenced in paragraph (B)(4)(a) of this rule shall submit to the director quarterly summaries of the records required by paragraph (B)(4)(b) of this rule.

Records required by the owner or operator of a source referenced in paragraph (B)(4)(a) of this rule shall submit to the director quarterly summaries of the records required by paragraph (B)(4)(b) of this rule.
The records required by paragraph (N)(4)(a) of this rule shall be maintained for a minimum of two years and shall be available for review by the director or authorized representative during normal business hours.

3745-21-09  (T)(1)(e) required A copy of the test record required in paragraph (V)(1)(e) of this rule is to be retained by the owner or operator of the tank truck for a minimum of two years after the date on which the test was conducted.

3745-21-09  (T)(1)(f) required A copy of the test record required in paragraph (V)(1)(f) of this rule is to be retained by the owner or operator of the gas tank truck pursuant to division (R) of section 3745.03 of the Revised Code.

3745-21-09  (V)(1)(c) required A copy of the test record required in paragraph (V)(1)(c) of this rule is kept in the gasoline tank truck.

3745-21-09  (V)(1)(d) required A description of the parameter or parameters monitored, as required in paragraph (DD)(10)(d) of this rule, to ensure that the control equipment is operated and maintained in conformance with its design, and an explanation of the reason for selecting such parameter or parameters.

3745-21-09  (V)(1)(e) required The results of compliance tests required under paragraph (DD)(15)(c) of this rule shall be reported semiannually to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (V)(1)(f) required A copy of the test record required in paragraph (V)(1)(f) of this rule is to be retained by the owner or operator of the gasoline tank truck pursuant to division (R) of section 3745.03 of the Revised Code.

3745-21-09  (V)(2)(e) required Any such test shall be required by means of an order issued by the director to the owner or operator of the gasoline tank truck.

3745-21-09  (DD)(14)(b)(v) required For compliance tests required under paragraphs (DD)(4)(c), (DD)(7)(c), and (DD)(9)(c) of this rule, the following:

3745-21-09  (DD)(14)(d)(iii) required The records required by paragraph (DD)(10)(d) of this rule are to be kept in the gasoline tank truck.

3745-21-09  (DD)(14)(e)(ii) required The criteria that indicate failure of the seal system, the barrier fluid system, or both, as required in paragraph (DD)(8)(d) of this rule and an explanation of the criteria.

3745-21-09  (DD)(14)(e)(iii) required The results of compliance tests required under paragraph (DD)(15)(c) of this rule shall be reported semiannually to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (DD)(14)(e)(iv) required Any semianual reports required under paragraph (DD)(2)(m) of this rule may be sent to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (DD)(15)(b) required For compliance tests required under paragraphs (DD)(7)(c) and (DD)(9)(c) of this rule, paragraphs (A)(5) and (A)(14) of rule 3745-21-09 required that the test be conducted.

3745-21-09  (DD)(15)(c) required The results of compliance tests required under paragraph (DD)(15)(a) of this rule shall be reported semiannually to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (DD)(15)(d) required Any semianual reports required under paragraph (DD)(2)(m) of this rule may be sent to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (MM)(9) required The owner or operator shall maintain the records required by paragraphs (MM)(9) and (MM)(8) of this rule at the facility for a period of three years.

3745-21-09  (RR)(4)(a) required The records required by paragraphs (RR)(4)(a) to (RR)(4)(h) of this rule shall be maintained for a minimum of five years and shall be available for review by the director or any authorized representative of the director during normal business hours.

3745-21-09  (RR)(7)(b) required An emergency event is a condition that shuts down the line, releases propellant in the gashouse to atmosphere and vents the gashouse directly to ambient air, instead of being vented to the thermal incinerator as required by NPFA 30B, Section 5.12.

3745-21-09  (RR)(7)(c) required Any component, that is required to be employed at all times pursuant to the system CARB certification, is absent or disconnected.

3745-21-09  (RR)(7)(d) required Not later than thirty days prior to any tests required pursuant to paragraphs (DD)(2)(a)(e) and (DD)(2)(d) of this rule, the owner or operator of the gasoline dispensing facility shall submit a test notification to the appropriate Ohio EPA district office or local air agency.

3745-21-09  (RR)(7)(e) required Any vapor control system required by paragraph (DD)(1)(e) of this rule at an automobile or light-duty truck assembly plant that has not been tested in accordance with paragraph (DD)(2)(a) of this rule.

3745-21-09  (RR)(7)(f) required Proof of attendance and completion of the training required by the Ohio EPA for the operator or local manager of the gasoline dispensing facility.

3745-21-09  (RR)(7)(g) required The owner or operator shall maintain the records required by paragraphs (MM)(9) and (MM)(8) of this rule at the facility for a period of three years.

3745-21-09  (DDD)(2)(a) required Except as otherwise provided in paragraphs (DDD)(2)(f) and (DDD)(9)(f) of this rule, within sixty days after the installation or modification of a vapor control system required pursuant to paragraph (DDD)(1)(f) of this rule, the owner or operator shall notify the appropriate Ohio EPA district office or local air agency.

3745-21-09  (DDD)(2)(d) required Any vapor control system required by paragraph (DDD)(1)(e) of this rule at an automobile or light-duty truck assembly plant that has not been tested in accordance with paragraph (DDD)(2)(a) of this rule.

3745-21-09  (DDD)(2)(m) required Any person shall sell, supply, offer for sale, advertise, or manufacture for sale in Ohio a portable fuel container or spout or both portable fuel container or spout on or after July 1, 2007.

3745-21-09  (DDD)(3)(a)(vi) required The owner or operator shall maintain the records required by paragraph (DDD)(3)(a)(v) of this rule.

3745-21-09  (DDD)(5)(b) required If the director determines that the stage II vapor control program is not required for the maintenance of the ambient air quality standard for ozone after the promulgation of onboard control requirements, the director may suspend the requirements of this paragraph.

3745-21-09  (DDD)(5)(d)(iii) required The owner or operator shall maintain the records required by paragraph (DDD)(5)(a) of this rule.

3745-21-17  (A)(2) required All commercial motor vehicle and mobile equipment refurbishing operations (sources), regardless of date of construction or modification, that are located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, or Warren county shall comply with the following:

3745-21-18  (A)(1) required All commercial motor vehicle and mobile equipment refurbishing operations (sources), regardless of date of construction or modification, that are located in Butler, Clark, Clermont, Greene, Hamilton, Miami, Montgomery, or Warren county shall comply with the following:

3745-21-09  (DDD)(6) required If the director determines that the stage II vapor control program is not required for the maintenance of the ambient air quality standard for ozone after the promulgation of onboard control requirements, the director may suspend the requirements of this paragraph.

3745-21-09  (DDD)(7)(a) required The owner or operator shall maintain the records required by paragraph (DDD)(6)(b) of this rule.

3745-21-09  (DDD)(9) required The owner or operator shall maintain the records required by paragraph (DDD)(8)(d) of this rule.

3745-21-09  (DDD)(9)(f) required Any person shall sell, supply, offer for sale, advertise, or manufacture for sale in Ohio a portable fuel container or spout or both portable fuel container or spout.

3745-21-09  (DDD)(9)(g) required Any person shall sell, supply, offer for sale, advertise, or manufacture for sale in Ohio a portable fuel container or spout or both portable fuel container or spout.

3745-21-09  (DDD)(9)(h) required Any person shall sell, supply, offer for sale, advertise, or manufacture for sale in Ohio a portable fuel container or spout or both portable fuel container or spout.
<table>
<thead>
<tr>
<th>Rule Section</th>
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<th>Notable Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-18 (A)(2)</td>
<td>Shall all commercial motor vehicle and mobile equipment refinishing operations (sources), regardless of date of construction or modification, that are located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county, achieve compliance with this rule by no later than April 2, 2024.</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (C)</td>
<td>Shall except where exempt under paragraph (D) of this rule a person at a facility subject to this rule shall do the following:</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (C)(3)(a)</td>
<td>Shall except for multi-stage topcoats, the mass of VOC per combined volume of VOC and coating solids, excluding water and exempt solvents, shall be calculated by the following equation:</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (C)(3)(b)</td>
<td>Shall except for multi-stage topcoats, the mass of VOC per combined volume of VOC and coating solids, excluding water and exempt solvents, shall be calculated by the following equation:</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (C)(3)(k)</td>
<td>Shall any equivalent coating application method approved by the director shall be submitted to the USEPA as a revision to the Ohio state implementation plan for ozone.</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (D)</td>
<td>Shall the following coating applications shall be exempt from this rule:</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (E)(1)</td>
<td>Shall each owner or operator subject to the provisions of this rule shall submit documentation sufficient to demonstrate that high efficiency transfer application.</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
<tr>
<td>3745-21-18 (E)(2)</td>
<td>Shall each owner or operator subject to the provisions of this rule shall maintain records for a period of five years of the amount and VOC content of each coating employed.</td>
<td>3704.03(E) and 3704.06(A) Fed. CAA 182(a)(2)(A), CAA 182(b)(12), CTG - Commercial Motor Vehicle and Mobile Equipment Refinishing Operations. Yes Yes - Federal No</td>
</tr>
</tbody>
</table>
Each owner or operator subject to the provisions of this rule shall submit documentation sufficient to demonstrate that high efficiency transfer application techniques of coatings required in this rule are in use at their facility.

Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any aerospace manufacturing or rework facility that is located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county.

Except as otherwise provided in paragraphs (C)(4) and (C)(5) of this rule, a person shall not apply to aerospace vehicles or components any coating that contains VOC in excess of the following VOC content limits:

Clean the spray gun in an enclosed system that is closed at all times except when inserting or removing the spray gun. Cleaning shall consist of forcing solvent through the gun.

Visually inspect the seals and other potential sources of leaks associated with the enclosed system at least once per month. If leaks are found, repairs shall be made as soon as practical but no later than fifteen days after the leak was found. If the leak is not repaired by the fifteenth day after detection, the cleaning solvent shall be removed.

No solvents shall be stored in nonabsorbent, nonleaking containers that are kept closed at all times except when filling or emptying.

The VOC content of a coating shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10 of the Administrative Code, wherein formulation data or USEPA method 24 procedures (which include various ASTM measurement methods) may be employed.

For a VOL emission control system that is used for a coating operation to comply with paragraph (D)(2) of this rule, the owner or operator shall meet the same monitoring requirements as contained in paragraph (H) of rule 3745-21-15 of the Administrative Code.
The as applied VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a rolling thirty-day average of the VOC content of the material (coating and thinner) added to the reservoir of the dip coater. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The rolling thirty-day average VOC content (C30), expressed in pounds of VOC per gallon of coating, excluding water and exempt solvents, as applied, shall be calculated for each day of operation of the dip coater as follows: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The composition of a cleaning solvent shall be based upon data supplied by the manufacturer of the cleaning solvent. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The data shall identify all components of the cleaning solvent. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The VOC composite vapor pressure of a cleaning solvent shall be determined by the owner or operator in accordance with paragraph (S) of rule 3745-21-10 of the Administrative Code. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For a VOC emission control system used to comply with paragraph (D)(2) of this rule, the owner or operator shall conduct a compliance test to determine the capture efficiency of the capture system, the control efficiency of the control device. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The overall control efficiency of the VOC emission control system in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC in a gas stream. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

During the compliance test described in paragraph (Q)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (Q)(1) of this rule 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The owner or operator of an aerospace manufacturing or rework facility subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance date specified in paragraph (F) of this rule as follows: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For any coating operation subject to paragraph (Q)(2) of this rule, the owner or operator shall maintain the following records: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For cleaning operations subject to paragraph (I)(1) of this rule, the owner or operator shall maintain the following records, where appropriate: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For any coating operation that is equipped with a VOC emission control system to comply with paragraph (D)(2) of this rule, the owner or operator shall submit the following in the initial compliance status report: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures and any modifications to standard procedures. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For cleaning operations subject to paragraph (I)(1) of this rule, the owner or operator shall submit the following information for the six-month period covered by the report: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For any coating operation subject to paragraph (Q)(11) of this rule, the owner or operator shall state in the initial semiannual compliance status report the type of coating, the VOC content limit for the coating, and that only coatings shall be used that comply with the VOC content limit, as determined by the procedures of paragraph (H)(2) of this rule 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For any coating operation that is equipped with a VOC emission control system to comply with paragraph (D)(2) of this rule, the owner or operator shall submit the following in the initial semiannual compliance status report: 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The owner or operator of an aerospace manufacturing or rework facility subject to this rule shall submit semiannual compliance status reports 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

The first report shall be submitted no later than thirty calendar days after the end of the first six-month period following the compliance date. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

Subsequent reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For each semiannual compliance status report, the owner or operator shall state in the semiannual compliance status report any changes to the previous reporting. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No

For any coating that is applied by means of a dip coater and that is subject to the VOC content limit of paragraph (Q)(1) of this rule, the owner or operator shall state in the semiannual compliance status report any changes to the previous reporting. 3704.03(2), and 3704.03(4) Fed
CAA 182(b)(2), CTO - Aerospace Manufacturing
Yes Yes - Federal No
If any subsequent compliance tests of the VOC emission control system are conducted during the semiannual reporting period after the initial compliance status report has been submitted, the semiannual compliance status report shall include the results of each compliance test.

For cleaning operations subject to paragraph (E) of this rule, the owner or operator shall submit in the semiannual compliance status report all changes to any previously reported of the description of the types of cleaning operations.

For any coating that is subject to a VOC content limit of paragraph (D)(1) of this rule, the compliance certification shall state that coatings which comply with the applicable VOC content limit.

The owner or operator of an aerospace manufacturing or rework facility that is subject to this rule and that has an initial startup of coating or cleaning operations before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air permitting office not later than October 24, 2008.

The notification, which shall be submitted not later than October 24, 2008, shall provide the following information:

1. Name and address of the owner or operator.

2. Such certification shall include all compliance certification requirements under paragraph (K)(2) of this rule.

During the compliance test described in paragraph (I)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G).

For any VOC emission control system employed to meet paragraph (D)(2) of this rule, any changes to monitoring devices previously reported and required under paragraph (G) of this rule.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit.
Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply to aerospace vehicles or components any coating that contains VOC in excess of the following VOC content limits.

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Text</th>
</tr>
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<tbody>
<tr>
<td>3745-21-19 (D)(1)</td>
<td>Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply to aerospace vehicles or components any coating that contains VOC in excess of the following VOC content limits.</td>
</tr>
<tr>
<td>3745-21-20 (D)(2)</td>
<td>Required an overall reduction of VOC emissions that is equal to or greater than the required overall control efficiency determined in accordance with paragraph (H)(5) of this rule.</td>
</tr>
<tr>
<td>3745-21-20 (F)(3)</td>
<td>Required in accordance with paragraph (I) of this rule may be required by the director to ensure continued compliance.</td>
</tr>
<tr>
<td>3745-21-20 (H)</td>
<td>Required Procedures for the VOC content and solids content of a coating and the determination of required overall control efficiency.</td>
</tr>
<tr>
<td>3745-21-20 (H)(2)(b)</td>
<td>Required only one of the containers in which the batch of coating was received is required to be tested.</td>
</tr>
<tr>
<td>3745-21-20 (H)(5)</td>
<td>Required Determination of required overall control efficiency for controlled coatings.</td>
</tr>
<tr>
<td>3745-21-20 (K)(5)</td>
<td>Required paragraph (D)(2) of this rule, the overall reduction of VOC emissions, that is, the required overall control efficiency (E), expressed in per cent by weight, shall be determined.</td>
</tr>
<tr>
<td>3745-21-20 (L)(1)(e)(ii)</td>
<td>Required an application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.</td>
</tr>
<tr>
<td>3745-21-20 (L)(3)</td>
<td>Required The records required by paragraph (O)(2) of this rule shall include the following additional information.</td>
</tr>
<tr>
<td>3745-21-20 (O)(4)(b)(i)</td>
<td>Required the owner or operator shall record all of the information required to be recorded by paragraph (O)(3)(b) of this rule.</td>
</tr>
<tr>
<td>3745-21-20 (O)(4)(b)(iv)</td>
<td>Required adds thinning solvent on a group basis, the owner or operator shall record all of the information required to be recorded by paragraph (O)(3)(c) of this rule.</td>
</tr>
<tr>
<td>3745-21-20 (O)(2)(c)(v)</td>
<td>Required raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.</td>
</tr>
<tr>
<td>3745-21-20 (O)(5)(c)</td>
<td>Required any changes to monitoring devices previously reported and required under paragraph (G) of this rule.</td>
</tr>
<tr>
<td>3745-21-20 (E)(1)(e)(ii)</td>
<td>Required An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.</td>
</tr>
<tr>
<td>3745-21-20 (A)(1)</td>
<td>Shall Except as otherwise provided in paragraph (A)(2) of this rule, this rule shall apply to any facility that meets both of the following conditions.</td>
</tr>
<tr>
<td>3745-21-20 (C)</td>
<td>Shall Any owner or operator of shipbuilding or ship repair operations that are subject to this rule shall comply with paragraphs (B) to (L) of this rule.</td>
</tr>
<tr>
<td>3745-21-20 (D)(1)</td>
<td>Shall Except as otherwise provided in paragraphs (D)(2) and (D)(3) of this rule, a person shall not apply any marine coating that contains VOC in excess of the VOC content limit for any coating subject to paragraph (D)(1) of this rule, a VOC emission control system shall be used that achieves.</td>
</tr>
<tr>
<td>3745-21-20 (D)(2)</td>
<td>Shall In lieu of the VOC content limit for any coating subject to paragraph (D)(1) of this rule, a VOC emission control system shall be used that achieves the control efficiency of the thermal or catalytic oxidizer for VOC emissions shall be at least ninety per cent by weight.</td>
</tr>
<tr>
<td>3745-21-20 (E)</td>
<td>Shall Any owner or operator of shipbuilding or ship repair operations shall ensure the following:</td>
</tr>
<tr>
<td>3745-21-20 (F)(1)</td>
<td>Shall Any owner or operator of shipbuilding or ship repair operations that are subject to this rule shall comply with this rule by no later than the following dates:</td>
</tr>
<tr>
<td>3745-21-20 (P)(2)</td>
<td>Shall the owner or operator shall demonstrate the overall control efficiency of the VOC emission control system.</td>
</tr>
<tr>
<td>3745-21-20 (Q)</td>
<td>Shall the owner or operator shall meet the same monitoring requirements as contained in paragraph (N) of rule 3745-21-15 of the Administrative Code.</td>
</tr>
<tr>
<td>3745-21-20 (R)(1)</td>
<td>Shall The VOC content and solids content of a coating shall be determined by the owner or operator in accordance with.</td>
</tr>
<tr>
<td>3745-21-20 (R)(2)</td>
<td>Shall For each batch of coating that is received by the facility, the owner or operator shall do the following:</td>
</tr>
<tr>
<td>3745-21-20 (R)(3)</td>
<td>Shall The procedure used for each coating shall be determined and documented prior to application.</td>
</tr>
<tr>
<td>3745-21-20 (R)(3)</td>
<td>Shall The owner or operator or any regulatory agency using USEPA method 24 shall take precedence over the results using the procedures in.</td>
</tr>
</tbody>
</table>
For a coating to which thinning solvent is routinely or sometimes added, the owner or operator shall comply as follows:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For the coating and calculate the maximum allowable thinning ratio (or ratios, if the coating shall comply with the cold-weather limits in addition to the other limits specified in paragraph (D)(1) of this rule

3704.03(E), 3704.03(A) and 3704.03(I) shall

If the coating is treated with thinning solvent (or other material) is routinely or sometimes added, the owner or operator shall comply as follows:

3704.03(E), 3704.03(A) and 3704.03(I) shall

Prior to the first application of each batch, calculate the maximum allowable thinning ratio (or ratios, if the coating shall comply with the cold-weather limits in addition to the other limits specified in

3704.03(E), 3704.03(A) and 3704.03(I) shall

A violation revealed through any approved test method shall result in a one-day violation for enforcement purposes.

3704.03(E), 3704.03(A) and 3704.03(I) shall

paragraphs (H)(4)(i) to (H)(4)(iii) of this rule shall result in a thirty-day violation for enforcement purposes, unless the owner or operator provides sufficient data

3704.03(E), 3704.03(A) and 3704.03(I) shall

The required overall control efficiency (R), expressed in percent by weight, shall be determined as follows for each coating designated for control:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For a VOC emission control system used to comply with paragraph (D)(2) of this rule, the owner or operator shall conduct a compliance test to determine

3704.03(E), 3704.03(A) and 3704.03(I) shall

Efficiency of the VOC emission control system in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code

3704.03(E), 3704.03(A) and 3704.03(I) shall

 wherein US EPA method 25 or 25A shall be used for determining the concentration of VOC

3704.03(E), 3704.03(A) and 3704.03(I) shall

The owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (G) of this rule

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to paragraph (D)(1) of this rule, the owner or operator shall compile the following records on a monthly basis

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to paragraph (G)(1) of this rule, the owner or operator shall comply with the cold-weather limits in addition to the other limits specified in paragraph (D)(1) of this rule

3704.03(E), 3704.03(A) and 3704.03(I) shall

Records of information required to be recorded by paragraph (H)(4)(b)(ii) of this rule

3704.03(E), 3704.03(A) and 3704.03(I) shall

Records maintained by an owner or operator demonstrating compliance using the procedure described in paragraph (H)(4)(b) shall contain the following information:

3704.03(E), 3704.03(A) and 3704.03(I) shall

Records maintained by an owner or operator demonstrating compliance using the procedure described in paragraph (H)(4)(b) shall contain the following information:

3704.03(E), 3704.03(A) and 3704.03(I) shall

Records of information required to be recorded by paragraph (G)(1) of this rule shall contain the following information:

3704.03(E), 3704.03(A) and 3704.03(I) shall

Records maintained by an owner or operator demonstrating compliance using the procedure described in paragraph (H)(4)(b) shall contain the following information:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to paragraph (G)(1) of this rule, the owner or operator shall maintain record of the certification of the as supplied and as applied VOC content of each batch

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to paragraph (G)(1) of this rule, the owner or operator shall maintain the following records:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For the handling and transfer of marine coatings and thinners, the owner or operator shall maintain the following records on a monthly basis:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For the handling and transfer of marine coatings and thinners, the owner or operator shall maintain the following records on a monthly basis:

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to the VOC content limit of paragraph (D)(1) of this rule, the owner or operator shall state in the initial compliance status report the type of coating, the VOC content limit for the coating

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation subject to the VOC content limit of paragraph (D)(1) of this rule, the owner or operator shall state in the initial compliance status report the type of coating, the VOC content limit for the coating

3704.03(E), 3704.03(A) and 3704.03(I) shall

For the handling and transfer of marine coatings and thinners, the owner or operator shall provide an implementation plan that addresses the procedures for ensuring compliance with the requirements under paragraph (E) of this rule

3704.03(E), 3704.03(A) and 3704.03(I) shall

For any coating operation that is equipped with a VOC emission control system to comply with paragraph (D)(2) of this rule, the owner or operator shall submit in the initial compliance status report
A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures.

The owner or operator of shipbuilding or ship repair operations subject to this rule shall submit semiannual compliance status reports.

Subsequent reports shall be submitted no later than thirty calendar days after the end of each six month period following the first report.

For each semiannual compliance status report, the owner or operator shall submit the following information for the six month period covered by the report:

The owner or operator shall submit with the semiannual compliance status report, the following compliance certifications, where applicable:

For any coating that is subject to a VOC content limit of paragraph (D)(1) of this rule, the compliance certification shall state that only coatings that comply with the applicable VOC content limit have been used.

The compliance certification shall identify the times and durations of all periods during coating operation or control operation when the monitoring device is not working.

For any capture system bypass line, the compliance certification shall identify and describe any corrective actions considered and implemented for any incident.

The notification, which shall be submitted not later than October 24, 2008, shall provide the following information:

If a failure that is detected during inspections required in this paragraph cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested from the director in the inspection report required in paragraph (C)(3)(l)(i) of this rule.
If a failure that is detected during inspections required in this paragraph cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested from the director in the inspection report in paragraph (C)(3)(j)(i) of this rule.

If a failure that is detected during inspections required in this paragraph cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested from the director in the inspection report in paragraph (C)(3)(j)(i) of this rule.

If the inspection required by paragraph (C)(3)(k)(iv) of this rule is not planned and the owner or operator could not have known about the inspection thirty days in advance of refilling the tank, the owner or operator shall notify the director within thirty days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (C)(3)(j)(ii) and (C)(3)(h)(iii) of this rule.

Notify the director in writing at least thirty days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (C)(3)(j)(ii) and (C)(3)(h)(iii) of this rule.

Keep a record of each inspection performed as required by paragraphs (C)(3)(j)(ii) to (C)(3)(k)(iv) of this rule.

Keep a record of each inspection performed as required by paragraphs (C)(3)(j)(ii) to (C)(3)(k)(iv) of this rule.

If any of the conditions described in paragraph (C)(3)(h)(iii) of this rule are detected during the annual visual inspection required by paragraph (C)(3)(j)(ii) of this rule, a report shall be furnished.

If the fixed roof tank is equipped with a closed vent system and control device, as required by paragraph (C)(1)(b) or (C)(2) of this rule, the following specifications shall be met:

The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.

The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.

If any of the conditions described in paragraph (C)(3)(h)(iii) of this rule are detected during the annual visual inspection required by paragraph (C)(3)(j)(ii) of this rule, a report shall be furnished.

The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.

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The owner or operator shall keep copies of all reports and records required by paragraph (C)(3)(j) of this rule for at least five years.

When the inspection report required in paragraph (C)(3)(h)(i) is furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.

When the inspection report required in paragraph (C)(3)(h)(i) is furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.

When the inspection report required in paragraph (C)(3)(h)(i) is furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.

The operator shall keep copies of all reports and records required by paragraph (C)(4)(i) of this rule for at least five years.

A report containing the measurements required by 40 CFR 60.18(f)(2) to (f)(6), shall be furnished to the director as required by 40 CFR 60.8. This report shall be submitted within six months of the initial start-up date of the flare.

Notify the director thirty days in advance of any gap measurements required by paragraph (D)(3)(a)(ii) in this rule to afford the director the opportunity to have an observer present.

If a failure that is detected during inspections required in paragraph (D)(3)(a)(ii) of this rule cannot be repaired within forty-five days and if the vessel cannot be emptied within forty-five days, a thirty-day extension may be requested.

If the inspection required by paragraph (D)(3)(a)(ii) of this rule is not planned and the owner or operator could not have known about the inspection thirty days in advance of refilling the tank, the owner or operator shall notify the director within thirty days prior to the filling or refilling of each storage vessel.

For all the inspections required by paragraph (D)(3)(a)(ii) of this rule, the owner operator shall notify the director in writing at least thirty days prior to the filling or refilling of each storage vessel.

If the inspection required by paragraph (D)(3)(a)(ii) of this rule is not planned and the owner or operator could not have known about the inspection thirty days in advance of refilling the tank, the owner or operator shall notify the director.

Keep a record of each gap measurement performed as required by paragraphs (D)(3)(a)(ii) and (D)(3)(a)(iv) of this rule.

Within sixty days of performing the seal gap measurements required by paragraph (D)(3)(a)(iv) of this rule, furnish the director with a report that contains the following:

Each storage vessel with a design capacity less than forty thousand gallons is not subject to any provisions of this rule other than those required by maintaining readily accessible records of the dimensions of the storage vessel.

Each storage vessel with a design capacity less than forty thousand gallons is not subject to any provisions of this rule other than those required by maintaining readily accessible records of the dimensions of the storage vessel.

The owner or operator shall keep copies of all reports and records required by paragraphs (E)(3)(a), (E)(4)(h), (D)(4), and (D)(5) of this rule for at least five years.

The anticipated liquid composition is 0.5 pounds per square inch absolute or greater but less than 0.75 pounds per square inch absolute, an initial physical test of the vapor pressure is required; a physical test at least once every six months thereafter is required as determined by the following methods:

The anticipated liquid composition is 0.5 pounds per square inch absolute or greater but less than 0.75 pounds per square inch absolute, an initial physical test of the vapor pressure is required; a physical test at least once every six months thereafter is required as determined by the following methods:

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.

This rule shall apply to any storage tank that meets all of the following criteria:
Except where exempted under paragraph (C)(5) of this rule, no owner or operator of a fixed roof tank shall place, store, or hold any volatile organic liquid in a storage vessel that has a fixed roof, if the internal floating roof shall rest on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. If the fixed roof tank is equipped with an internal floating roof, the following shall be met:

- The internal floating roof shall rest on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled.
- The internal floating roof shall float on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled.
- The internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
  - Automatic bleeder vents
  - Closing devices for the rim space.
- Each opening in a non-contact internal floating roof, except for automatic bleeder vents (vacuum breaker vents) and the rim space vents, shall provide a projection below the liquid surface.
- Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- The owner or operator of each storage vessel equipped with an internal floating roof shall comply with the following:
  - If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric, or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.
  - If there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within forty-five days.
- Each record shall identify the storage vessel for which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

The owner or operator of each storage vessel equipped with an internal floating roof shall keep records and furnish reports in accordance with the following:

- Each record shall identify the storage vessel for which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
Each record shall identify the storage vessel for which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings):

After each inspection required by paragraph (C)(9)(h)(ii) of this rule that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in paragraph (C)(9)(b)(ii) or (C)(9)(b)(iv) of this rule, a report shall be furnished to the director within thirty days of the inspection.

The report shall identify the storage vessel and the reason it did not meet the specifications of paragraph (C)(3) of this rule and list each repair made.

The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions, as indicated by an instrument reading.

If a control device other than a flare is employed, the control device shall be designed and operated to reduce inlet VOC emissions by ninety five per cent or greater.

The control efficiency shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.

If a flare is used as the control device, it shall meet the specifications described in the general control device requirements specified in 40 CFR 60.18.

To meet the control requirements as required in paragraph (C)(4) of this rule, shall meet the specifications identified in paragraphs (C)(4)(a) and (C)(4)(b) of this rule and shall submit, for approval by the director, an operating plan containing the following information:

The operating plan required by paragraph (C)(4)(d) of this rule shall be maintained by the owner or operator for the life of the control equipment and shall be made available to the director upon request.

The owner or operator of each source that is equipped with a closed vent system and a flare, to meet the control requirements in paragraphs (C)(4)(a) and (C)(4)(c) of this rule, shall keep the following records:

The owner or operator shall keep copies of all reports and records required by paragraph (C)(9)(h) of this rule for at least five years.
shall place, store, or hold any volatile organic liquid in any such tank, after the date specified in paragraph (F) of this rule, unless the following is met:

- **3745-21-21 (D)(1)(a)(i)** shall
  - except as provided in paragraph (D)(3)(c) of this rule, the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall and shall be either a liquid mounted seal or a shoe seal.
  - shall
  - except as provided in paragraph (D)(3)(c) of this rule, the primary seal shall completely cover the annular space between the edge of the floating roof and tank wall and shall be either a liquid mounted seal or a shoe seal.

The tank shall be equipped with the closure device that meets the requirements of this rule after the next scheduled tank cleaning if it is determined that the tank is being used to store volatile organic liquids.

The owner or operator of an external floating roof tank shall provide a projection below the liquid surface.

The roof shall be floating on the liquid at all times (i.e., off the roof leg supports).

The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.

The primary seal shall completely cover the annular space between the edge of the floating roof and tank wall and shall be either a liquid mounted seal or a shoe seal.

The following external floating roof tanks shall be exempted from paragraph (D)(1) of this rule:

- **3745-21-21 (D)(3)(a)(i)** shall
  - The owner or operator of an external floating roof tank shall do the following:
    - The total surface area of each gap described in paragraph (D)(3)(b)(ii) of this rule shall not exceed 1.0 square inches per foot of tank diameter.
    - The roof shall be submitted in accordance with paragraph (H) of this rule.

The owner or operator of an external floating roof tank shall notify the director at least seven days prior to the refilling of the storage vessel.

Such extension request shall include a demonstration of unavailability of alternative storage capacity and a specification of a schedule that will assure that the control equipment will be repaired in the shortest time period practicable.

3745-21-21 (D)(6)(i)(ii) shall
- the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph shall apply.

For all the inspections required by paragraph (D)(1)(e) of this rule, the owner or operator shall notify the director in writing at least three days prior to the filling or refilling of each storage vessel.

The owner or operator shall notify the director at least seven days prior to the refilling of the storage vessel.

The record shall identify the storage vessel in which the measurement was performed and shall contain the following:

- The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
  - The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
    - The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
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            - The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
              - The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
                - The record shall identify the storage vessel in which the measurement was performed and shall contain the following:
The report shall identify the vessel and contain the information specified in paragraph (D)(4)(c) of this rule, the date the vessel was emptied.

3745-21-21 (E)(3) shall

The owner or operator shall notify the director within thirty days of becoming aware of the occurrence.

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

3744.03(E) Fed

liquids Yes Yes No

The owner or operator of a facility that operates a storage tank for volatile organic liquids with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the volatile organic liquid storage tank is subject to this rule.

The notification, which shall be submitted not later than either the date of initial startup of the volatile organic liquid storage tank or the date of initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule, shall provide the following information:

- The facility name and address
- The facility's Ohio EPA permit number
- The name and address of the owner or operator
- The name and address of the facility
- The location of the storage tank
- The type and capacity of the storage tank
- The date of initial startup of the volatile organic liquid storage tank
- The date of initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule

Such certification shall include all compliance certification requirements under paragraph (H) of this rule.

The notification shall be submitted not later than October 24, 2008 (or within sixty days after the volatile organic liquid storage tank becomes subject to this rule), shall provide the following information:

- The facility name and address
- The facility's Ohio EPA permit number
- The name and address of the owner or operator
- The name and address of the facility
- The location of the storage tank
- The type and capacity of the storage tank
- The date of initial startup of the volatile organic liquid storage tank
- The date of initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule

A facility that employs a combination of printing technologies that includes a heatset web offset lithographic printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.

Capture efficiency testing for heatset dryers is not required if this demonstrated that pressure in the dryer is negative relative to the surrounding press room.

Testing of the offset lithographic or letterpress printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.

The completion of installation and initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule for the offset lithographic printing press.

3745-21-22 (D)(4)(a) required

The report shall identify the vessel and contain the information specified in paragraph (D)(4)(c) of this rule, the date the vessel was emptied.

3745-21-22 (E)(3) shall

The owner or operator shall notify the director within thirty days of becoming aware of the occurrence.

3745-21-22 (F)(3) shall

The owner or operator of each vessel storing a mixture of indeterminate or variable composition shall be subject to the following:

3745-21-22 (G)(1)(b) shall

The owner or operator shall keep copies of all reports and records required by paragraphs (E)(3)(a), (E)(4), (H)(4), and (I) of this rule for at least five years.

3745-21-22 (H)(1) shall

The compliance certification under paragraph (H)(1) of this rule shall provide the following, where applicable:

3745-21-22 (I)(1) shall

that operates a storage tank for volatile organic liquids with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the volatile organic liquid storage tank is subject to this rule.

3745-21-22 (I)(2) shall

which shall be submitted not later than October 24, 2008 (or within sixty days after the volatile organic liquid storage tank becomes subject to this rule), shall provide the following information:

3745-21-22 (I)(3) shall

The owner or operator of a facility that is subject to this rule shall comply with this rule no later than the following dates:

3745-21-22 (I)(4) shall

The notification, which shall be submitted not later than either the date of initial startup of the volatile organic liquid storage tank or the date of initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule, shall provide the following information:

- The facility name and address
- The facility's Ohio EPA permit number
- The name and address of the owner or operator
- The name and address of the facility
- The location of the storage tank
- The type and capacity of the storage tank
- The date of initial startup of the volatile organic liquid storage tank
- The date of initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule

Capture efficiency testing for heatset dryers is not required if this demonstrated that pressure in the dryer is negative relative to the surrounding press room.

Testing of the offset lithographic or letterpress printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.

The completion of installation and initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule for the offset lithographic printing press.

Capture efficiency testing for heatset dryers is not required if this demonstrated that pressure in the dryer is negative relative to the surrounding press room.

Testing of the offset lithographic or letterpress printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.

The completion of installation and initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule for the offset lithographic printing press.

Capture efficiency testing for heatset dryers is not required if this demonstrated that pressure in the dryer is negative relative to the surrounding press room.

Testing of the offset lithographic or letterpress printing press and the VOC emission control system in accordance with paragraph (F)(1) of this rule may be required by the director to ensure continued compliance.

The completion of installation and initial use of any monitoring devices required under paragraph (I)(3)(b) of this rule for the offset lithographic printing press.
3745-21-22 [X][3] required they are subject to one or more of the control requirements in paragraph (D) of this rule based on the records required under paragraph (I) of this rule, the owner or operator shall comply with said requirements of this rule.

3745-21-22 [A] shall Paragraphs (B) to (I) of this rule shall apply to each lithographic printing or letterpress printing facility that meets all the following criteria:

3745-21-22 [D][1] shall emissions from the press dryer that are greater than twenty-five tons per year before the application of control systems and devices shall maintain the dryer air pressure lower than the pressroom air pressure at all times the press is operating.

3745-21-22 [D][1][a] shall a control system first installed before April 2, 2009 the control system shall reduce VOC emissions from each dryer by at least ninety percent.

3745-21-22 [D][1][b] shall For a control system first installed on or after April 2, 2009, the control system shall reduce VOC emissions from each dryer by at least ninety-five percent or maintain a maximum VOC outlet concentration of

3745-21-22 [D][2] shall Any person who owns or operates a subject heatset web offset lithographic printing press shall meet one of the following for the fountain solution used on that press:

3745-21-22 [D][3] shall Any person who owns or operates a subject sheet-fed offset lithographic printing press shall meet one of the following for the fountain solution used on that press:

3745-21-22 [D][4] shall Anyone who owns or operates a subject non-heatset web offset lithographic printing press shall maintain the as-applied VOC content of the fountain solution.

3745-21-22 [D][5] shall Any person who owns or operates a subject offset lithographic or letterpress printing press shall meet one of the following for each cleaning solution used for cleaning on that press:

3745-21-22 [D][7] shall Any person who owns or operates a subject offset lithographic or letterpress printing press shall keep all solvent containers closed at all times unless filling, draining, or performing cleanup operations.

3745-21-22 [D][8] shall Any person who owns or operates a subject offset lithographic or letterpress printing press shall keep all solvent-laden shop towels in closed containers when not being used.

3745-21-22 [E][1] shall The owner or operator of an offset lithographic or letterpress printing facility that is subject to this rule shall comply with this rule no later than the following dates:

3745-21-22 [E][2] shall The owner or operator of an offset lithographic or letterpress printing facility that is subject to this rule shall demonstrate compliance with paragraph (D)[1] of this rule by testing the control device.

3745-21-22 [F][1][a] shall the affected source shall be run at typical operating conditions and flow rates compatible with scheduled production during any emission testing.

3745-21-22 [F][1][b] shall The negative dryer pressure shall be established during the initial test using an air flow direction indicator.

3745-21-22 [F][1][c] shall The following USEPA test methods (in 40 CFR part 60, appendix A) shall be used to demonstrate compliance with the applicable emission:

3745-21-22 [F][1][c][i] shall USEPA method 2, 2A, 2C, or 2D, as appropriate,

3745-21-22 [F][1][c][ii] shall USEPA method 3 or 3A, as appropriate,

3745-21-22 [F][1][c][iii] shall USEPA method 4 shall be used to determine moisture content.

3745-21-22 [F][1][c][iv] shall USEPA method 18, 25, or 25A shall be used to determine the VOC concentration of the exhaust stream entering and exiting the control device.

3745-21-22 [F][1][c][v] shall in which case only the VOC concentration of the exit exhaust shall be determined.

3745-21-22 [F][1][c][vi] shall In cases where the anticipated outlet VOC concentration of the control device is less than fifty ppm as carbon, USEPA method 25A shall be used.

3745-21-22 [F][1][c][vii] shall a compliance test shall consist of up to three separate runs, each lasting a minimum of sixty minutes.

3745-21-22 [F][1][c][viii] shall The use of an adaptation to any of the analytical methods specified above shall be approved by the director and USEPA on a case-by-case basis.

3745-21-22 [F][1][c][ix] shall This owner or operator shall submit sufficient documentation for the director and USEPA to find that the analytical methods specified above will yield inaccurate results.

3745-21-22 [F][1][c][x] shall compliance with the VOC content of the as-applied fountain solution shall be determined by one of the methods in paragraphs (F)[1][a] to (F)[1][c]

3745-21-22 [F][2][a] shall USEPA method 24 shall be used to determine the VOC content of the as-applied fountain solution.

3745-21-22 [F][2][b] shall If diluted prior to use, a calculation shall be performed for VOC content that combines USEPA method 24 analytical data for the concentrated material.

3704.03(A) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(B) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(C) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(D) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(E) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(F) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(G) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(H) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No

3704.03(I) Fed 2006 CTG-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e) shall If not diluted prior to use, the owner or operator shall use formulation information provided by the supplier, (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e) shall information provided by the supplier and data obtained by USEPA method 24; the data obtained by USEPA method 24 shall be employed. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall the owner or operator shall determine the VOC (alcohol) content of the altered fountain solution using a hydrometer. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall Fahrenheit shall be used to ensure that any refrigerated fountain solution reservoirs are maintained at or below sixty degrees Fahrenheit at all times. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall the VOC content of cleaning solutions shall be determined by one of the following methods: (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall USEPA method 24 shall be used to determine the VOC content of the cleaning solution. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall if diluted prior to use, a calculation shall be performed for VOC content that combines USEPA method 24 analytical data for the concentrated materials used to prepare the cleaning solution. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall if not diluted prior to use, the owner or operator shall use formulation information provided by the supplier. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(d) shall the data obtained by USEPA method 24 shall be employed. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e) shall the VOC-composite partial vapor pressure of cleaning solutions shall be determined by one of the following methods: (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e) shall For the purpose of this calculation, the blended solvent shall be assumed to be an ideal solution. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e)(iii) shall The partial vapor pressures of each compound at twenty degrees Celsius (sixty-eight degrees Fahrenheit) shall be used in the formula. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(e)(iii) shall If not diluted prior to use, the owner or operator shall use formulation information provided by the supplier, (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(i) shall subject to the control requirements specified in paragraph (D)(2) of this rule, shall install and operate continuous temperature monitoring and recording equipment (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(i) shall and shall collect and record the following information and maintain the information at the facility for a period of five years: (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall For catalytic cisterns, the catalyst bed material shall be inspected annually for general catalyst condition and any signs of potential catalyst depletion. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall The owner or operator shall also collect a representative sample of the catalyst from the reactor. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall An evaluation of the catalyst bed material shall be conducted whenever the results of the inspection indicate signs of potential catalyst depletion (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall The alcohol content of the fountain solution shall be measured using a hydrometer. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall and a standard solution shall be used to calibrate the hydrometer for the type of alcohol used in the fountain solution. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall the owner or operator shall maintain records of the measurements at the facility for a period of five years. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared for a press. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall sheet-fed offset lithographic printing press subject to paragraph (D)(2)(b) or (D)(3)(b) of this rule shall measure the following: (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall The owner or operator shall maintain records of the results of the measurements for a period of five years. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared for a press. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
3745-21-22 3704.03(a)(ii) shall Each recipe shall be maintained in the recipe log for a period of five years from the date the recipe was last prepared. (3704.03(E), 3704.03(A) and 3704.03(I)) Fed 2006 CGT-Lithographic and Letterpress Printing Yes Yes No
The owner or operator of a subject offset lithographic or letterpress printing press shall maintain monthly records of the following information:

- VOC calculations shall be based on the following formula using applicable retention factors identified in paragraph (I)(1) of this rule:

\[
\text{VOC} = \text{VOC production rate} \times \text{VOC retention factor} \times \text{capture efficiency}
\]

- The notification, which shall be submitted to the director within forty-five days after the instance occurs, shall include a copy of the record showing the instance.

- Each notification shall be submitted to the director within forty-five days after the instance occurs, and the notification shall include a copy of the record showing the instance.

- The following retention factors and capture efficiencies shall be used:

  - A twenty per cent VOC retention factor shall be used for heatset inks printed on absorptive substrates.
  - A fifty per cent VOC retention factor shall be used for fountains solutions containing alcohol substitutes.
  - A forty per cent VOC carry over efficiency shall be used for ink.
  - A seventy per cent VOC carry over efficiency shall be used for fountain solutions containing alcohol substitutes.
  - A forty per cent VOC carry over efficiency shall be used for heatset inks printed on absorptive substrates.

- The notification, which shall be submitted not later than June 1, 2009, shall provide the following information:

- The notification, which shall be submitted not later than the date of initial startup of the offset lithographic or letterpress printing facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing that:

  - The following records shall be maintained on a monthly basis for each such press:

- The following retention factors shall be used:

  - A twenty per cent VOC retention factor shall be used for heatset inks printed on absorptive substrates.
  - A fifty per cent VOC retention factor shall be used for fountains solutions containing alcohol substitutes.
  - A forty per cent VOC carry over efficiency shall be used for ink.
  - A seventy per cent VOC carry over efficiency shall be used for fountain solutions containing alcohol substitutes.

- The notification, which shall be submitted not later than either the date of initial startup of the offset lithographic or letterpress printing facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing within thirty days following the completion of any of the following:

  - VOC containing cleaning materials must be drained from the cleaned equipment upon completion of cleaning.

- The discharge solvents from the equipment shall be collected into containers without atomizing into the open air.

- VOC containing cleaning materials must be drained from the cleaned equipment upon completion of cleaning.

- The owner or operator shall maintain one of the following records:

- The owner or operator shall comply with said requirements of this rule.

- Equipment being cleaned must be maintained leak free.
null
3704.03(E), 3704.03(A) and 3745-21-23 (F)(3)(c) shall the blended solvent shall be assumed to be an ideal solution where “Raoult’s Law” applies.

3704.03(E), 3704.03(A) and 3745-21-23 (G)(1) shall VOC-content limitation specified in paragraph (C)(1) of this rule shall collect and record the following information each month:

3704.03(E), 3704.03(A) and 3745-21-23 (G)(2)(a) shall Continuous temperature monitoring and continuous temperature recording equipment shall be installed and operated.

3704.03(E), 3704.03(A) and 3745-21-23 (G)(2)(b) shall the following types of monitoring and recording equipment shall be installed and operated for the carbon adsorption device, and the information shall be maintained at the facility for a period of five years:

3704.03(E), 3704.03(A) and 3745-21-23 (G)(4) shall Any manufacturer of coatings, inks, or adhesives that complies with paragraph (C)(6)(b)(i)(d) of this rule, shall record the following information each month for each cleaning material and shall maintain the information at the facility for a period of five years:

3704.03(E), 3704.03(A) and 3745-21-23 (H)(1) shall Any owner or operator of a solvent cleaning operation that employs control equipment and is subject to paragraph (C)(5) of this rule shall submit to the director quarterly.
3745-21-23 (H)(2) shall The rule. These quarterly reports shall be submitted not later than April thirtieth, July thirtieth-first, October thirtieth-first, and January thirty-first, and shall cover the records. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (H)(2) shall The rule. These quarterly reports shall be submitted not later than April thirtieth, July thirtieth-first, October thirtieth-first, and January thirty-first, and shall cover the records. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (H)(3) shall VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(1) or (D)(2)(c) of this rule, shall notify the director of any record maintained in accordance with paragraph (G)(5). 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes No Yes

3745-21-23 (H)(3) shall limit. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance occurs. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (H)(4) shall Any owner or operator of a solvent cleaning operation that is exempt from paragraphs (C)(1) and (C)(3) of this rule, pursuant to paragraph (D)(4) of this rule, shall notify the director of any record maintained in accordance with paragraph (G)(5). 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (H)(4) shall daily usage limit for aerosol products. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance occurs. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (H)(5) shall VOC-content limitation specified in paragraph (C)(1) of this rule, pursuant to paragraph (D)(1) or (D)(2)(c) of this rule, shall notify the director of any record maintained in accordance with paragraph (G)(5). 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(1) shall The operation employs more than the maximum daily usage limit for ethyl acetate. A copy of such record shall be sent to the director within thirty days following the end of the month in which the exceedance occurs. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(1) shall The operation is subject to this rule. The notification, which shall be submitted not later than June 1, 2009 or within sixty days after the solvent cleaning operation becomes subject to this rule, shall provide the following information: 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(1) shall The operation is subject to this rule. The notification, which shall be submitted not later than June 1, 2009 or within sixty days after the solvent cleaning operation becomes subject to this rule, shall provide the following information: 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(1)(d)(ii) shall The owner or operator of a facility that is subject to this rule and that has a solvent cleaning operation with an initial startup date on or after April 1, 2009 shall notify the Ohio EPA district office or local air agency. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes No No

3745-21-23 (I)(2) shall The notification, which shall be submitted not later than either the date of initial startup of the solvent cleaning operation or June 1, 2009, whichever is later, and shall provide the information listed under paragraph (I)(1) of this rule. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(3) shall The notification, which shall be submitted not later than either the date of initial startup of the solvent cleaning operation or June 1, 2009, whichever is later, and shall provide the information listed under paragraph (I)(1) of this rule. 3704.031(1), 3704.031A(1) and 3704.031(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(3) shall The owner or operator of a facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing within thirty days following the date of initial startup of the solvent cleaning operation. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(3)(b) shall The compliance certification under paragraph (I)(3)(a) of this rule shall be submitted by either the date of initial startup of the solvent cleaning operation or June 1, 2009, whichever is later, and shall provide the information listed under paragraph (I)(1) of this rule. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-23 (I)(3)(b) shall Therefore, the facility is not subject to the requirements in paragraphs (I)(1) to (I)(3) of this rule, shall select one of the following methods: 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes No No

3745-21-23 (I)(3)(b) shall The rolling twelve-month summation shall be calculated as the total VOC emissions in pounds of VOCs emitted in pounds per month. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Industrial Cleaning Solvents Yes Yes No

3745-21-24 (C)(3) prohibited The averting of VOC emissions over two or more coating lines in order to demonstrate compliance with an applicable emission limitation (i.e., cross-line averaging) is prohibited except as otherwise provided in this rule. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes No Yes

3745-21-24 (F)(10) required The rolling twelve-month summation shall be calculated as the total VOC emissions in pounds of VOCs emitted in pounds per month. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (F)(11) required The rolling twelve-month summation shall be calculated as the total VOC emissions in pounds of VOCs emitted in pounds per month. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (I)(3)(b) required The notification required in paragraphs (I)(1) and (I)(2) of this rule shall include the following information: 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (I)(3)(b) required The notification required in paragraphs (I)(1) and (I)(2) of this rule shall include the following information: 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (I)(3)(b) required The notification required in paragraphs (I)(1) and (I)(2) of this rule shall include the following information: 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (A) shall This rule shall apply to any facility that meets both of the following criteria: 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No

3745-21-24 (C)(1) shall The owner or operator of a facility that is subject to this rule shall not apply any flat wood paneling coating that exceeds the VOC content limitations under an effective permit. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes No No

3745-21-24 (C)(3) shall The VOC contents and densities of the coating materials subject to paragraph (C)(1) of this rule shall be determined in accordance with paragraph (B) of rule 3745-21-10. 3704.031(1), 3704.031A(1) and 3704.031A(1) Fed 2006 CTG-Flat Wood Paneling Coatings Yes Yes No
efficiency for coating lines subject to paragraph (C) of this rule shall be determined in accordance with paragraph (C) of rule 3745-21-10.

The owner or operator of a facility shall not apply coatings to wood products subject to the provisions of this rule unless the coating is applied with 3704.03(E), 3704.03(A) and 3704.03(I).

The owner or operator of a facility using VOC-containing materials in any flat wood paneling coating line shall ensure that VOC emissions are minimized 3704.03(E), 3704.03(A) and 3704.03(I).

VOC emissions from all flat wood paneling coating lines at the facility are less than 15.0 pounds of VOC per day (before add-on controls) shall collect and record the information each day 3704.03(E), 3704.03(A) and 3704.03(I).

The owner or operator accurately measured or calculated the volume of each coating, as applied, shall also be described in the certification to the director.

Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(1) of this rule shall notify the director of any daily record showing that the combined VOC emissions exceed the applicable emission limitation.

Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(1) shall notify the director of any monthly record showing the use of noncomplying coatings.

Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(2) shall collect and record the following information each day for the flat wood paneling coating line and maintain solids limitation by means of control equipment shall collect and record the following information each day for the flat wood paneling coating line and maintain.

The calculated, controlled VOC emission rate, in mass of VOC per unit-volume of coating solids, as applied. The controlled VOC emission rate shall be calculated using the following:

Any owner or operator of a flat wood paneling coating line referenced in paragraph (F)(7) of this rule shall notify the director of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable emission limitation.

Any owner or operator of a flat wood paneling coating line referenced in paragraphs (F)(7) and (F)(9) of this rule shall install and place in operation continuous monitoring and recording devices shall be installed and placed in.

The continuous monitoring and recording devices shall be capable of measuring the desired parameter, and the owner or operator shall properly operate.

The VOC content and solids content of a coating shall be determined by the owner or operator in accordance with paragraph (B) of section 3745-21-10.

The VOC content, in pounds VOC per gallon of coating, excluding water and exempt solvents, shall be calculated in accordance with the equation specified in paragraph (B)(8) of rule 3745-21-10.

The VOC content, in pounds VOC per gallon of solids, shall be calculated in accordance with the equation specified in paragraph (B)(8) of rule 3745-21-10.

The daily volume-weighted average VOC content of all coatings, as applied in pounds VOC per gallon of coating, shall be calculated in accordance with the equation specified in paragraph (B)(8) of rule 3745-21-10.

The daily volume-weighted average VOC content of all coatings, as applied in pounds VOC per gallon of solids, shall be calculated in accordance with the equation specified in paragraph (B)(8) of rule 3745-21-10.
For a VOC emission control system used to comply with paragraph (C)(2) of this rule, the owner or operator shall conduct a compliance test to determine the capture in accordance with paragraph (C)(2) of rule 3745-21-10 of the Administrative Code wherein USEPA method 25 or 25A shall be used for determining the concentration of VOC in a gas stream.

During the compliance test described in paragraph (H)(1) of this rule that demonstrates compliance, the owner or operator shall establish the operating limits and shall provide the information listed under paragraph (J)(3) of this rule.

An inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency in writing.

The plan shall include, at a minimum, the following:

- The capture system and associated controls and devices shall provide the required degree of emission control.
- The pressure drop across the enclosure shall be at least 0.007 inch of water.
- The average velocity of air through all natural draft openings shall be at least two hundred feet per minute.
- The notification required in paragraph (J)(3) shall include the following information:
  - The subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance test results for VOC emissions.
  - The plan required in paragraphs (D)(5) and (E)(2) of this rule shall be submitted to the appropriate Ohio EPA district office or local air agency in writing.

The notification, which shall be submitted not later than June 1, 2009, (or within sixty days after the flat wood paneling coating line becomes subject to this rule), shall provide the information specified in paragraph (J)(3) of this rule.

The notification, which shall be submitted not later than the date of initial startup of the flat wood paneling coating line or by June 1, 2009, whichever is later, shall provide the information listed under paragraph (J)(3) of this rule.

The notification, which shall be submitted not later than the date of initial startup of the flat wood paneling coating line or by June 1, 2009, whichever is later, shall provide the information listed under paragraph (J)(3) of this rule.

The notification, which shall include all compliance test results for VOC emissions.

The owner or operator may, but is not required, to include process streams where the owner or operator has demonstrated compliance as described in paragraph (G)(2)(b) of this rule.

The owner or operator is not required to calculate or report emissions under this paragraph if the facility does not have any of the above operations.

The owner or operator was previously using an option that did not require the owner or operator to maintain records of resin and gel coat use. In this case, the owner or operator is not required to provide the information listed under paragraph (J)(3) of this rule.

The owner or operator may, but is not required, to include process streams where the owner or operator has demonstrated compliance as described in paragraph (G)(2)(b) of this rule.

The owner or operator is not required to and should not include process streams for which the owner or operator will demonstrate compliance.
3745-21-25 (O)(2)(a)(i) required For any add-on control device, all records required in 40 CFR part 63, subpart SS, to show continuous compliance with this rule.

3745-21-25 (Q)(5) required A. Use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1.0 inch are permissible around mixer shafts and any required instrumentation.

3745-21-25 (R)(5) required Use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1.0 inch are permissible around mixer shafts and any required instrumentation.

3745-21-25 (S)(3) required Open molding operations and centrifugal casting operations may not be averaged with each other.

3745-21-25 (T)(2)(b) shall excluded under paragraphs (A)(2)(a) to (A)(2)(c) of this rule that use less than 1.2 tons per year of thermoset resins and gel coats that contain styrene combined. The owner or operator of such facility shall maintain records of the amount (in pounds) of thermoset resins.

3745-21-25 (U)(1)(a)(ii) shall except as otherwise provided in paragraph (A)(2)(i) of this rule, the rule shall apply to any facility that has reinforced plastic composites production operations.
These records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director of the facility. These records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director.

Any facility that has a potential to emit VOC of less than 10.0 tons per year for all reinforced plastic composites production operations combined. The owner or operator of such facility shall maintain an up-to-date record of the potential to emit for VOC from all reinforced plastic composites production operations, shall employ emission factors or emission estimates in the calculation of the potential to emit.

These records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the owner or operator as specified in paragraph (P)(2) of this rule for any sheet molding compound manufacturing machine, and within fifteen days after the end of each month, and shall maintain a record of the VOC emissions from any SMC manufacturing operation.

Production records shall meet military specifications are allowed to meet the monomer content limit contained in that specification. In order for this exemption to be used, the owner or operator shall supply to the appropriate Ohio EPA district office or local air agency the specifications certified as accurate by the military procurement officer, and those specifications shall state a requirement for a specific resin, or a specific resin monomer content. In order for this exemption to be used, the owner or operator shall supply to the appropriate Ohio EPA district office or local air agency the specifications certified as accurate by the military procurement officer, and those specifications shall state a requirement for a specific resin, or a specific resin monomer content.

Production records for which this exemption is used shall be applied with nonatomizing resin application equipment unless the owner or operator can demonstrate this is infeasible. The owner or operator shall keep a record of the resin for which the owner or operator is using this exemption.

The owner or operator of the reinforced plastic composites production facility shall meet the work practice standards in table 1 of this rule for affected operations. A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

The owner or operator of the reinforced plastic composites production facility shall meet the work practice standards in table 1 of this rule for affected operations. A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

Molding, centrifugal casting, continuous lamination/casting, pulsation, SMC manufacturing, mixing, and BMC manufacturing, the owner or operator shall reduce the total VOC emissions from these operations by at least ninety-five per cent.

A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

A facility's VOC emissions threshold shall be calculated in accordance with paragraph (F) of this rule.

If an add-on control device is used to comply with this rule, such add-on control device shall meet 40 CFR part 63, subpart SS. The owner or operator shall also establish each control device operating limit in 40 CFR part 63, subpart SS, that applies.

If an add-on control device is used to comply with this rule, such add-on control device shall meet 40 CFR part 63, subpart SS. The owner or operator shall also establish each control device operating limit in 40 CFR part 63, subpart SS, that applies.

If an add-on control device is used to comply with this rule, such add-on control device shall meet 40 CFR part 63, subpart SS. The owner or operator shall also establish each control device operating limit in 40 CFR part 63, subpart SS, that applies.
A final permit-to-install has been issued for the emissions unit pursuant to Chapter 3745-31 of the Administrative Code. The permit-to-install shall contain terms and conditions that specify the control requirement and available technology determination for the emissions unit, as described in paragraph (D)(1)(a) of this rule, and the permit to install shall be issued by the Ohio EPA in a manner that makes the control requirement or emission limitation federally enforceable.

The manufacturer content is provided by the material supplier or manufacturer as a range, the owner or operator shall use the upper limit of the range for determining compliance.

If the owner or operator shall use the measured total monomer content to determine compliance.

If the measured total monomer content exceeds the provided value by two percentage points or more, then the owner or operator shall use the measured total monomer content to determine compliance.

If the monomer content is provided by the material supplier or manufacturer as a range, the owner or operator shall use the upper limit of the range for determining compliance.

For new facilities prior to startup, the owner or operator shall calculate a weighted average VOC emissions factor for the material supplied in paragraph (E)(4) of this rule for new facilities prior to startup.

For new facilities prior to startup, the owner or operator shall use the procedures in either paragraph (F)(2) or (F)(3) of this rule for new facilities prior to startup.

The necessary calculations shall be included in the averaging calculations described in paragraphs (G)(2) or (G)(3) of this rule.

The necessary calculations shall be included in the averaging calculations described in paragraphs (G)(2) or (G)(3) of this rule.

If vapor suppressants are used to reduce VOC emissions, the owner or operator shall determine the vapor suppressant effectiveness (VSE).

When using this option, the owner or operator shall demonstrate compliance with the weighted average.

For open bath pultrusion machines with a radio frequency pre-heat unit, the enclosure shall extend from the beginning of the resin bath to within 12.5 inches or less.

The enclosure shall be closed except for openings to allow material to enter and exit the enclosure.

For open bath pultrusion machines with a radio frequency pre-heat unit, the enclosure shall extend from the beginning of the resin bath to within 12.5 inches or less.

For continuous casting/kneading operations, the owner or operator shall use one or more of the options listed in paragraphs (E)(1) to (E)(4) of this rule.

For continuous casting/kneading operations, the owner or operator shall use one or more of the options listed in paragraphs (E)(1) to (E)(4) of this rule.

For continuous casting/kneading operations, the owner or operator shall use one or more of the options listed in paragraphs (E)(1) to (E)(4) of this rule.

For continuous casting/kneading operations, the owner or operator shall use one or more of the options listed in paragraphs (E)(1) to (E)(4) of this rule.
shall If the stock that is within 12.5 inches or less of the entrance to the radio frequency pre-heat unit has any drip, it shall be enclosed. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall For open-pultrusion machines without a radio frequency pre-heat unit, the enclosure shall extend from the beginning of the resin bath to within 0.5 inches. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall If the pre-wet stock has any drip, it shall be enclosed. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The total open area of the enclosure shall not exceed two times the cross sectional area of the puller window and shall comply with the following: 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The total open area of the enclosure shall not exceed two times the cross sectional area of the puller window and shall comply with the following: 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall Open areas for level control devices, monitoring devices, agitation shafts, and fill hoses shall have no more than 1.0 inch clearance. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The access panels, doors, or hatches that are part of the enclosure shall be replaced. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The access panels, doors, or hatches that are part of the enclosure shall be replaced. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall or hatches that are part of the enclosure shall remain closed wherever resin is in the bath. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall If a PTE does not exist, then a temporary total enclosure shall be constructed and verified using USEPA method 204. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall To develop uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall develop both sets of equations and factors from the same tests. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall Where a facility is calculating both uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall establish a baseline using the following: 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall or capture efficiency testing shall be determined using USEPA methods 204B to E of 40 CFR part 51, appendix M. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall determine the overall capture efficiency using the procedures in 40 CFR 63.5850. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall shall or to the oven only, then the owner or operator shall develop the corresponding uncontrolled or controlled equation or factor for the other VOC emissions source. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall assign to each formula an uncontrolled VOC emissions estimation equation or factor based on the use, brand, product, or thickness. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall Where a facility is calculating both uncontrolled and controlled VOC emissions estimation equations and factors, the owner or operator shall double each emission factor by the following: 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall If a PTE does not exist, then a temporary total enclosure shall be constructed and verified using USEPA method 204. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall and capture efficiency testing shall be determined using USEPA methods 204B to E of 40 CFR part 51, appendix M. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall calculate per cent reduction for continuous lamination/casting operations using any of the following methods: 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall demonstrate continuous compliance with each VOC control requirement in paragraph (D) of this rule. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall report each deviation from each VOC control requirement in paragraph (D) of this rule that applies. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall The owner or operator shall report each deviation from each VOC control requirement in paragraph (D) of this rule that applies. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall during periods of startup, shutdown or malfunction, the owner or operator shall meet the VOC emissions limits and work practice standards that apply. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall but the owner or operator shall operate the affected operation to minimize emissions to the extent which is consistent with safety and good air pollution control practice. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall the owner or operator shall during production collect and keep a record of data as indicated in 40 CFR part 63, subpart SS. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No

shall keep a record of data as indicated in 40 CFR part 63, subpart SS and shall monitor and collect the following data. 3704.03(E), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwwww Yes Yes No
the owner or operator shall conduct all monitoring in continuous operation (or collect data at all required intervals) at all times that the controlled operation is operating.

3704.03(E), 3704.03(A) and 3704.03(A) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

At all times, the owner or operator shall maintain necessary parts for routine repairs of the monitoring equipment.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall collect and keep records of resin and gel coat use, monomer content, and operation where the resin is used.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall collect and keep records of resin and gel coat use, monomer content, and operation where the resin is used.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

However, the owner or operator shall retain the records of resin and gel coat monomer content, and the owner or operator shall include the list of these resins and gel coats.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall include the list of these resins and gel coats and identify their application methods in the semiannual compliance reports.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall demonstrate that the individual resin or gel coat meets its emission limit as specified in paragraph (G)(1) of this rule.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall again collect and keep records of resin and gel coat use records and calculate compliance using one of the averaging options on a twelve-month rolling average.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

For each pultrusion machine, the owner or operator shall record all times that doors or covers of wet area enclosures are open and there is resin present in the resin bath.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall keep the following records:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

For any uncontrolled SMC manufacturing machine exempted under paragraph (D)(9) of this rule, the owner or operator shall record the VOC emissions.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall notify the appropriate Ohio EPA district office or local air agency of any record showing

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

A copy of such record shall be sent to the appropriate Ohio EPA district office or local air agency within forty-five days after the exceedance occurs.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

All records specified under paragraphs (P)(1) to (P)(3) of this rule shall be retained by the owner or operator for a period of not less than five years.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Semiannual compliance status reports shall be submitted no later than thirty calendar days after the end of each six-month period

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Each subsequent compliance report shall cover the semiannual reporting period from January first through June thirtieth or the semiannual reporting period from July first through December thirty-first.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The compliance report shall contain the following information:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The compliance report shall contain the following information:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Emissions limitation or operating limit in this rule, the compliance report shall include the following information:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Where multiple compliance options are available, the owner or operator shall state in this compliance report if the owner or operator has changed compliance.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

The owner or operator shall report if the facility exceeded the one hundred tons of VOC per year emissions threshold if that exceedance

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Each facility that has obtained a Title V permit pursuant to Chapter 3745-77 of the Administrative Code shall report all deviations as described in this rule

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Submission of the semiannual compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report.

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No

Operation that is subject to this rule shall comply with this rule by no later than the following dates:

3704.03(I), 3704.03(A) and 3704.03(I) Fed CAA 182, 40 CFR part 63, subpart wwww Yes Yes No
3745-21-25 (R)(3) shall The SMC manufacturing machine shall continue to comply with paragraph (O)(9) of this rule.

3745-21-25 (R)(4) shall meet a VOC emissions requirement specified within the rule, the owner or operator shall demonstrate compliance by testing the operation.

3745-21-25 (S)(1) shall an initial startup date before December 14, 2009 shall notify the appropriate Ohio EPA district office or local agency in writing.

3745-21-25 (S)(1) shall The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:

3745-21-25 (S)(1) shall The notification, which shall be submitted not later than February 12, 2010, shall provide the following information:

3745-21-25 (S)(1)(c)(i) shall Such certification shall include all compliance certification requirements under paragraph (G)(3) of this rule.

3745-21-25 (S)(2) shall that is subject to this rule and that has an initial startup date on or after December 14, 2009 shall notify the appropriate Ohio EPA district office.

3745-21-25 (S)(2) shall The notification, which shall be submitted not later than either the date of initial startup of the affected operation or February 12, 2010,

3745-21-25 (S)(2) shall whichever is later, shall provide the information listed under paragraph (F)(1) of this rule:

3745-21-25 (S)(3) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-25 (S)(3) shall Materials shall be recovered after slitting.

3745-21-25 (S)(3) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-25 (S)(3) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-25 (S)(3) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-25 (S)(3) shall Materials shall be recovered after slitting.

3745-21-25 (S)(3) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-25 (S)(3) shall Materials shall be recovered after slitting.

3745-21-26 (A)(1a)(i) required to comply with any of the following:

3745-21-26 (A)(1a)(ii) required to comply with any of the following:

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

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3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (L)(3) required the VOC, add-on air pollution control equipment in accordance with paragraph (I)(1) of this rule may be required by the director to ensure continued compliance.

3745-21-26 (A)(1a)(ii) required Application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under.

3745-21-26 (B)(3) required the centrifugal casting operation blows heated air through the molds, then ninety-five per cent capture and control shall be used if the owner or operator wishes to use this compliance option.

3745-21-26 (B)(5) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-26 (B)(5) shall The operations shall be at or below these values based on a twelve-month rolling average.

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3745-21-26 (B)(5) shall The operations shall be at or below these values based on a twelve-month rolling average.

3745-21-26 (B)(5) shall The operations shall be at or below these values based on a twelve-month rolling average.
The daily usage applicability level shall not apply to the coatings employed by the coating line on parts or products which are not metal.

The alternative limitation shall be the lowest emission limitation that the coating operation is capable of meeting by the application of control technology.

The alternative limitation shall be an emission rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).

The installation permit shall contain terms and conditions that specify the control requirement or emission limitation.

The daily usage applicability level shall not apply to coatings employed by the coating line on parts or products which are not metal.

The owner or operator of a coating line engaged in the surface coating of miscellaneous metal or plastic parts shall limit VOC emissions from all VOC-containing materials.

One, or a combination, of the following application methods shall be used for coating application, except when complying using alternate means:

The VOC contents and densities of the coating materials subject to this rule shall be determined in accordance with paragraph (B) of rule 3745-21-10 of the Administrative Code.

If a coating does not meet a specific coating category definition, then it can be assumed to be a general use coating and the VOC limit for "general" coating or "other" coating shall apply.

The general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code shall apply to compliance testing.

For the purpose of demonstrating compliance with the emission control requirements of paragraph (C)(2) or (C)(3) of this rule, the affected source shall be run at typical operating conditions and flow rates.

Only the key operating parameters for the control equipment shall be recorded and new performance tests to determine compliance shall be conducted in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code.

All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available upon the request of the Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:

All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available.

The owner or operator of a coating line that is subject to this rule shall comply with this rule no later than the following dates:

The owner or operator of a coating line shall submit the plan to the Ohio EPA district office or local air agency. At a minimum, the plan shall include the following:

The test methods and procedures of paragraph (C) of rule 3745-21-10 of the Administrative Code shall be followed.

The owner or operator of a coating line subject to this rule shall demonstrate the on-going status of compliance with the applicable VOC emission limitations.

The owner or operator of a coating line subject to this rule shall demonstrate the on-going status of compliance with the applicable VOC emission limitations.

The owner or operator of a coating line shall submit the record of the key operating parameters and key maintenance of the control system to the Ohio EPA district office or local air agency.
shall

3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
Such certification shall include all compliance certification requirements under paragraph (I)(3) of this rule.
3704.03(E)
Fed
startup date on or after the effective date of this rule shall notify the Ohio EPA district office or local air agency in writing that the 3704.03(E), 3704.03(A) and
coating line is subject to
3704.03(E)
Fed

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(I)(2)

shall

The notification, which shall be submitted not later than either the date of initial startup of the subject coating line, or sixty days
after the effective date of this rule (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.

3745‐21‐26

(I)(2)

shall

3745‐21‐26

(I)(3)(a)

shall

3745‐21‐26

(I)(3)(b)

shall

3745‐21‐26

(J)(1)

shall

3745‐21‐26

(J)(1)(a)(iv)

shall

3745‐21‐26

(J)(2)

shall

3745‐21‐26

(J)(3)

shall

3745‐21‐26

(J)(4)

shall

3745‐21‐27

(B)(1)

must

3745‐21‐27

(B)(1)

must

3745‐21‐27

(I)(2)(b)(iii)(b)

required

3745‐21‐27

(J)(2)

required

3745‐21‐27

(K)(3)

required

3745‐21‐27

(L)(1)(e)(ii)

required

3745‐21‐27

(L)(3)(a)(ii)(b)

required

3745‐21‐27

(M)(1)(b)

required

3745‐21‐27

(A)(1)

shall

3745‐21‐27

(B)(1)

shall

3745‐21‐27

(B)(2)

shall

3745‐21‐27

(B)(3)

shall

3745‐21‐27

(B)(4)

shall

3745‐21‐27

(D)(1)

shall

3745‐21‐26

(H)(2)

shall

3745‐21‐26

(I)(1)

shall

3745‐21‐26

(I)(1)

shall

3745‐21‐26

(I)(1)

shall

3745‐21‐26

(I)(1)(e)(ii)

shall

3745‐21‐26

(I)(2)

3745‐21‐26

The owner or operator of a coating line that is subject to this rule shall demonstrate compliance with paragraph (C)(2) or (C)(3) of
this rule by testing the control device
startup date before the effective date of this rule shall notify the Ohio EPA district office or local air agency in writing that the
coating line is subject to this rule
which shall be submitted not later than sixty days after the effective date of this rule or within sixty days after the coating line
becomes subject to this rule, shall provide the following information:
which shall be submitted not later than sixty days after the effective date of this rule or within sixty days after the coating line
becomes subject to this rule, shall provide the following information:

The notification, which shall be submitted not later than either the date of initial startup of the subject coating line, or sixty days
after the effective date of this rule (whichever is later), shall provide the information listed under paragraph (I)(1) of this rule.
The owner or operator of a coating line that is subject to this rule shall notify the Ohio EPA district office or local air agency in
writing

3704.03(E), 3704.03(A) and
3704.03(E)
Fed

3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following, where applicable:
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
equal to or greater than the limitation specified in paragraph (A)(1)(a) of this rule, shall select one of the following methods
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
The rolling twelve‐month average shall be calculated as the total VOC emissions
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
in accordance with paragraph (A)(3)(d)(v) of this rule shall maintain the following records, for a period of five years:
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
in accordance with paragraph (A)(3)(d)(ix) of this rule shall maintain the following records, for a period of five years:
3704.03(E)
Fed
does not exceed three gallons per day, in accordance with paragraph (A)(3)(f)(i) of this rule shall maintain the records specified in 3704.03(E), 3704.03(A) and
paragraphs (B)(3)(d) and (B)(3)(e) of rule 3745‐21‐09
3704.03(E)
Fed
Production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the 3704.03(E), 3704.03(A) and
United States coast guard
3704.03(E)
Fed
Production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the 3704.03(E), 3704.03(A) and
United States coast guard
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
Records required by an inspection and maintenance plan for the catalytic incinerator that meets paragraph (I)(4) of this rule.
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
submit to the director quarterly summaries of the records required by paragraphs (I)(2)(b) and (I)(3)(b) of
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
with paragraph (H)(2)(c) of this rule may be required by the director to ensure continued compliance.
3704.03(E)
Fed
for an operating permit or permit‐to‐install and operate is not required provided the subject process is operating under an
3704.03(E), 3704.03(A) and
effective permit
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
3704.03(E)
Fed
The completion of installation and initial use of any monitoring devices required under paragraph (I) of this rule.
3704.03(E), 3704.03(A) and
may elect to maintain the following records in lieu of the records required under paragraph (M)(1)(a) of this rule:
3704.03(E)
Fed
Except as provided in paragraph (B) of this rule, paragraphs (C) to (L) of this rule shall apply to the following boat manufacturing
3704.03(E), 3704.03(A) and
operations
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
Production resins for which this exemption is used shall be applied with a nonatomized resin application method.
3704.03(E)
Fed
total gel coat materials included in this exemption shall not exceed 1.0 per cent by weight of all gel coat used at the facility on a
3704.03(E), 3704.03(A) and
twelve‐month rolling basis.
3704.03(E)
Fed
Resins for which this exemption is used shall be applied with a nonatomized application
3704.03(E), 3704.03(A) and
method.
3704.03(E)
Fed
Any owner or operator of a facility claiming an exemption pursuant to this subparagraph
shall record and maintain records, as applicable, in accordance with paragraph (M)(2) of
3704.03(E), 3704.03(A) and
this rule.
3704.03(E)
Fed
3704.03(E), 3704.03(A) and
The owner or operator of a boat manufacturing facility shall limit monomer VOC emissions from the five operations listed below 3704.03(E)
Fed

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

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Parts Coating
Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

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Yes

Yes

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Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

Yes

Yes

No

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2008 CTG Miscellaneous Metal and Plastic
Parts Coating
2008 CTG Miscellaneous Metal and Plastic
Parts Coating
2008 CTG‐Control Techniques for
Fiberglass Boat Manufacturing
2008 CTG‐Control Techniques for
Fiberglass Boat Manufacturing
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Fiberglass Boat Manufacturing
2008 CTG‐Control Techniques for
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The owner or operator of a boat manufacturing facility that is subject to the provisions of this rule shall collect and record the following information for each operation subject to this rule on a monthly basis and shall maintain the information at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The owner or operator of a boat manufacturing facility shall comply with the following:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following information shall be collected and recorded for each day of operation of the control device, and the information shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following information shall be collected and recorded for each day of operation of the control device, and the information shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The following shall be maintained at the facility for a period of five years:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

A copy of such record shall be sent to the director within thirty days following the end of the month in which the use of noncomplying materials occurred:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

Any owner or operator of a boat manufacturing facility that employs control equipment pursuant to paragraph (H)(2)(c) of this rule shall submit the director quarterly summaries:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

These quarterly reports shall be submitted no later than April thirty-first, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

These quarterly reports shall be submitted no later than April thirty-first, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The owner or operator of a boat manufacturing facility that is subject to this rule shall demonstrate compliance with paragraph (H)(2)(b)(iii) of this rule by testing the VOC emission control equipment:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The owner or operator of a boat manufacturing facility that is subject to this rule shall notify the Ohio EPA district office:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than July 11, 2011, whichever is later, shall provide the following information:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than July 11, 2011, whichever is later, shall provide the following information:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than July 11, 2011, whichever is later, shall provide the following information:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than July 11, 2011, whichever is later, shall provide the following information:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than either the date of initial startup of the boat manufacturing facility or July 11, 2011, whichever is later, and shall provide the information listed under paragraph (L)(1)(c) of this rule:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than either the date of initial startup of the boat manufacturing facility or July 11, 2011, whichever is later, and shall provide the information listed under paragraph (L)(1)(d) of this rule:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The notification, which shall be submitted not later than either the date of initial startup of the boat manufacturing facility or July 11, 2011, whichever is later, and shall provide the information listed under paragraph (L)(1)(e) of this rule:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No

The owner or operator of a boat manufacturing facility that is subject to this rule shall notify the Ohio EPA district office or local air agency in writing:

- 3704.03(E), 3704.03(A) and 3704.03(I)

- 2008 CTG-Control Techniques for Fiberglass Boat Manufacturing

- Yes Yes No
Section 3704.03(E) shall provide the following, where applicable:

- For production resin employed meeting the exemption requirements specified in paragraph (B)(1) of this rule, the owner or operator shall keep a record of the resin which are being used for this exemption.

Paragraphs (B) to (G) of this rule shall not apply to miscellaneous industrial adhesive and sealant application processes for which the owner or operator is required to:

- Submit an application for an operating permit or permit-to-install and operate that is required under paragraph (C)(2) of this rule.

Any owner or operator of a facility claiming exemption pursuant to this subparagraph shall, in accordance with paragraph (H)(2) of this rule, provide a new performance test in accordance with paragraph (H)(1)(a) of this rule.

The alternative limitation shall be the lowest emission limitation that the adhesives, adhesive primers, sealants and sealant primers operation.

- The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).

- The alternative limitation shall be an emissions rate (e.g., pounds VOC per gallon) or overall per cent reduction but shall not be in terms of mass per time (e.g., pounds per hour).

- The alternative limitation shall be in accordance with paragraph (C)(4)(a) of this rule through the use of add-on air pollution control equipment.

The provisions of paragraphs (C)(1) to (C)(3) of this rule shall not apply to any emissions unit that meets the following:

The provisions of paragraphs (C)(4)(a) to (C)(4)(d) of this rule shall not apply to any emissions unit that meets the following:

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The provisions of paragraphs (C)(4)(a) to (C)(4)(d) of this rule shall not apply to any emissions unit that meets the following:
records, and a description of the results of each inspection and catalytic activity analysis, as specified in paragraph (C)(2)(f) of this rule, shall be maintained.

shall All records relative to determination of compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to

shall years from the date such record is created and shall be made available to the director or any authorized representative of the director within ninety days of a request.

shall Except as provided in paragraphs (E)(3)(a) to (E)(4) of this rule, the VOC and solids content of all non-aerosol adhesives, and adhesive primers shall be determined using USEPA method 24.

shall The organic content of exempt organic compounds shall be determined using ASTM D4457-02(2008), as applicable.

shall The VOC content of any plastic cement welding adhesive or primer shall be determined using SCAQMD method 316A.

shall compound that becomes an integral part of the finished materials shall be determined using SCAQMD method 316A.

shall adhesive, less water and exempt compounds, shall be calculated according to the following equation:

shall the general provisions specified under paragraphs (A)(2) to (A)(5) of rule 3745-21-10 of the Administrative Code apply to

shall comply with this rule no later than the following dates:

shall process that is subject to this rule shall demonstrate compliance with paragraph (C)(2) of this rule

shall process that is subject to this rule with an initial startup date before May 12, 2011 shall notify the Ohio EPA district office or local air agency in writing

shall the notification, which shall be submitted not later than July 11, 2011 or within sixty days after the process becomes subject to

shall The notification, which shall be submitted not later than either the date of initial startup of the subject process, or July 11, 2011 of this rule (whichever is later), shall provide the information listed under paragraph (G)(1) of this rule.

shall Such certification shall be submitted to the Ohio EPA district office or local air agency in writing

shall the notification, which shall be submitted not later than either the date of initial startup of the subject process, or July 11, 2011 of this rule (whichever is later), shall provide the information listed under paragraph (G)(1) of this rule.

shall the owner or operator of a miscellaneous industrial adhesive and sealant application process that is subject to this rule shall notify the Ohio EPA district office

shall The compliance certification under paragraph (C)(3)(a) of this rule shall provide the following, where applicable:

shall the facility is not subject to paragraphs (B) to (G) of this rule, shall select one of the following methods

shall summation shall be calculated as the total VOC emissions for the current calendar month, plus the total VOC emissions

shall In accordance with paragraph (A)(2)(f) of this rule, shall maintain records for a period of five years identifying that all supplied containers of said materials meet the exemption.

shall During the compliance test, the owner or operator shall establish the operating limits (operating parameter values) for the

shall the owner or operator shall establish the operating limits (operating parameter values) for the required monitoring devices by following the requirements

shall All records relative to determination of compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to

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shall All records relative to determination of compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to
The completion of installation and initial use of any monitoring devices required under paragraph (F)(3) of this rule for the subject process.

The work practice plan shall specify practices and procedures to ensure that VOC emissions from the following operations are minimized:

The VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a rolling thirty-day average:

VOC content of a coating, other than a reactive adhesive, shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10.

The VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a monthly average of the VOC content of the material:

Compliance with the limitations specified in paragraphs (C)(1)(c) to (C)(1)(e) of this rule shall be determined each day of operation in accordance with the publication:

Compliance with the limitation specified in paragraph (C)(1)(a) of this rule shall be determined each day of operation and is based upon a weighted average by volume:

The solids turnover ratio (RT) of an EDP coating operation shall be calculated as follows:

The as-applied VOC content of an EDP primer shall be determined by the owner or operator as a monthly average of the VOC content of the material:

The as-applied VOC content of a coating applied by a dip coater shall be determined by the owner or operator as a rolling thirty-day average:

The data obtained by analytical procedures shall be employed, except as otherwise provided in paragraph (B)(12) of rule 3745-21-10.

The VOC content of a coating, other than a reactive adhesive, shall be determined by the owner or operator in accordance with paragraph (B) of rule 3745-21-10.

Any owner or operator of coating operations for which emission limitations are specified under paragraph (C) of this rule shall do the following:

Such add-on air pollution control equipment shall meet paragraph (F)(7) of this rule.

The completion of installation and initial use of any monitoring devices required under paragraph (F)(3) of this rule for the subject process.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit.
<table>
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<tr>
<th>Regulation</th>
<th>Paragraph</th>
<th>Requirement</th>
<th>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</th>
<th>Yes</th>
<th>Yes</th>
<th>No</th>
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<tr>
<td>3745-21-29</td>
<td>F(1)(7)</td>
<td>shall</td>
<td>For add-on air pollution control equipment employed in accordance with paragraph (D) of this rule, the owner or operator shall do the following:</td>
<td>704.03(H), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>F(1)(7)(b)</td>
<td>shall</td>
<td>EPA-453/R-08-002 shall be used instead, and, if appropriate, &quot;Protocol for Determining the Daily Volatile Organic Compound Emission Rate&quot; shall be used.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>F(1)(7)(b)</td>
<td>shall</td>
<td>During the compliance test, the owner or operator shall establish the operating limits (operating parameter values) for the required monitoring devices.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>G(1)</td>
<td>shall</td>
<td>For any coating operation subject to paragraph (C) of this rule, the owner or operator shall maintain the following records:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
</tr>
<tr>
<td>3745-21-29</td>
<td>G(2)(i)</td>
<td>shall</td>
<td>For any coating operation subject to paragraph (C)(1)(d) or (C)(1)(g) of this rule, the owner or operator shall maintain the required monitoring records for the coating operation.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>G(2)(i)</td>
<td>shall</td>
<td>For the coating-related activities and cleaning materials, the owner or operator shall maintain the following records on a monthly basis:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>G(3)</td>
<td>shall</td>
<td>For an add-on air pollution control system that is employed in accordance with paragraph (D) of this rule, the owner or operator shall maintain the same monitoring records as specified under paragraph (G)(2).</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>G(4)</td>
<td>shall</td>
<td>All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to the director.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>G(5)</td>
<td>shall</td>
<td>All records made to determine compliance with this rule shall be maintained for five years from the date such record is created and shall be made available to the director.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>H(1)</td>
<td>shall</td>
<td>The owner or operator of a coating operation that is subject to this rule shall comply with this rule no later than the following dates:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>H(2)</td>
<td>shall</td>
<td>The notification, which shall be submitted not later than July 11, 2011 (or within sixty days after the coating operation becomes subject to this rule), shall provide the following information:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>I(1)</td>
<td>shall</td>
<td>The notification, which shall be submitted not later than July 11, 2011 (or within sixty days after the coating operation becomes subject to this rule), shall provide the following information:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<td>3745-21-29</td>
<td>I(2)</td>
<td>shall</td>
<td>The compliance certification under paragraph (I)(3)(a) of this rule shall include all compliance certification requirements under paragraph (I)(3) of this rule.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>I(3)(a)</td>
<td>shall</td>
<td>Such certification shall include all compliance certification requirements under paragraph (I)(3) of this rule.</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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<tr>
<td>3745-21-29</td>
<td>I(3)(b)</td>
<td>shall</td>
<td>The compliance certification under paragraph (I)(3)(a) of this rule shall provide the following where applicable:</td>
<td>704.03(I), 3704.03(A) and 704.03(I)</td>
<td>Fed</td>
<td>2008 CTG-Control Techniques for Automobile and Light-duty Truck Assembly Coatings</td>
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</table>
shall the limitation specified in paragraph (A)(2)(i) of this rule, shall select one of the following methods and maintain the following records for a period of five years:

3745-21-29 (J)(1) shall be calculated as the total VOC emissions, for the current calendar month,

3745-21-29 (J)(1)(a)(iv) The rolling twelve-month average shall be calculated as the total VOC emissions, for the current calendar month,

3745-21-29 (J)(2) shall maintain records for a period of five years:

3745-21-29 (J)(3) shall in accordance with paragraph (A)(2)(iii) of this rule, shall maintain the following records for a period of five years:

3745-21-10 (A)(2) shall use of an alternative test method, in lieu of one of the USEPA's approved test methods or in lieu of other methods specified in this rule, shall be approved by the USEPA as a revision of the state implementation plan.

3745-21-10 (A)(3) not the results of any compliance testing required by the director for tests conducted pursuant to paragraphs (C) to (F) and (L) of this rule shall not be accepted unless the Ohio EPA district office or local air agency has been notified of the intent to test in accordance with paragraph (A)(4) of this rule not less than thirty days before the proposed initiation of the testing.

3745-21-10 (B)(1) shall be placed in an air-tight container. When multiple package coatings are sampled, separate samples of each component shall be obtained.

3745-21-10 (B)(2) shall be placed in an air-tight container. When multiple package coatings are sampled, separate samples of each component shall be obtained.

3745-21-10 (B)(3) shall be determined, where appropriate: DC = density of coating, in pounds of coating per gallon of coating. DVM = density of volatile matter... 3745-21-10 (B)(4) shall be determined, where appropriate: DES = density of exempt solvent... 3745-21-10 (B)(5) shall be employed, except as otherwise provided in paragraph (B)(12) of this rule.
If a VOC content value obtained by analytical procedures is higher than a VOC content value obtained by formulation data due to any VOC that is formed during baking or curing (i.e., cure volatiles), then the VOC content of the portion of the coating not subject to curing or baking shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.

Also, in cases where analytical results and formulation data are combined for a waterborne coating, the interlaboratory precision adjustments specified in the analytical procedures shall not be applied to the analytical results.

The concentration of VOC in a gas stream or exhaust vent shall be determined by utilizing the following methods: (a) USEPA method 25 or USEPA method 25A.

The following procedures shall be included in any source testing or determination where applicable: (a) The source shall be operated at or near maximum operating capacity during any testing and the measurement of the operating rate shall be made in a manner acceptable to the Ohio EPA.

The control efficiency of any vapor control system used to transport the VOC emissions from their point of origin to the vapor control system shall be determined in accordance with USEPA methods 204 to 204F or the alternative capture efficiency testing protocols specified in the USEPA, Office of Air Quality Planning and Standards document entitled “Guidelines for determining capture efficiency.”

The control efficiency of any vapor control system used to reduce the emission of VOC shall be based upon an emissions test or a recovery test.

For a vapor control system that destroys VOC (e.g., an incineration system), either the streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amount of VOC employed shall be measured and the gas stream leaving the vapor control system shall be tested.

For a vapor control system that destroys VOC (e.g., an incineration system), either the streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amount of VOC employed shall be measured and the gas stream leaving the vapor control system shall be tested.

For a vapor control system that recovers VOC (e.g., a carbon adsorption system), either the gas streams entering and leaving the vapor control system shall be tested or, if acceptable to the director, the amounts of VOC employed and recovered shall be measured or tested.

The control efficiency of the vapor control system shall be the per cent reduction in mass emissions of VOC between the inlet and the outlet of the vapor control system.

The control efficiency of the vapor control system shall be based upon the average of three test runs.

The control efficiency of the vapor control system shall be the per cent reduction in mass emissions of VOC between the inlet and the outlet of the vapor control system.

The following procedures shall be included in any source testing or determination where applicable: (a) The source shall be operated at or near maximum operating capacity during any testing and the measurement of the operating rate shall be made in a manner acceptable to the Ohio EPA.

The control efficiency of any vapor control system used to reduce the emission of VOC shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.

The portion of the coating subject to curing or baking shall be equal to the measured transfer efficiency for the coating applicator and object being coated.

The portion of the coating subject to curing or baking shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.

The portion of the coating subject to curing or baking shall be equal to the measured transfer efficiency for the coating applicator and object being coated.

The portion of the coating subject to curing or baking shall be based on formulation data and the VOC content of the portion of the coating subject to curing or baking shall be based on analytical procedures.

Each run shall have a minimum duration of one hour and a minimum sample volume of 0.003 dry standard cubic meter, except that shorter sampling times or smaller volumes, when necessitated by process variables, may be found acceptable.

The capture efficiency of the vapor collection system shall be the per cent of total mass emissions of VOC emitted from the source which are vented to the vapor control system.

The capture efficiency of the vapor collection system shall be the per cent of total mass emissions of VOC emitted from the source which are vented to the vapor control system.

If this efficiency is based upon an emissions test utilizing USEPA method 25 or 25A, the mass emissions of VOC as carbon shall be employed in the efficiency determination.

If this efficiency is based upon an emissions test utilizing USEPA method 25 or 25A, the mass emissions of VOC as carbon shall be employed in the efficiency determination.

If this efficiency is based upon an emissions test utilizing USEPA method 25 or 25A, the mass emissions of VOC as carbon shall be employed in the efficiency determination.
<table>
<thead>
<tr>
<th>Code</th>
<th>Section</th>
<th>Text</th>
<th>Table Number</th>
<th>Agency</th>
<th>Value</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-10</td>
<td>(C)(3)(j)</td>
<td>The overall control efficiency (in per cent) of any control equipment for VOC emissions shall be the vapor capture efficiency multiplied by the vapor control efficiency and divided by one hundred.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(C)(3)(k)</td>
<td>The following procedure shall be followed to perform a material balance test: (a) Clean the degreaser sump before testing...</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(E)(3)</td>
<td>The detection of leaks shall be determined in accordance with the methods and procedures contained in 40 CFR 60.503(b), (c), (e) and (f) of &quot;Subpart XX - Standards of Performance for Bulk Gasoline Terminals.&quot;</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(E)(4)</td>
<td>The leak tightness of a gasoline tank truck shall be determined in accordance with the test procedure set forth in USEPA method 27. For the pressure test, the initial pressure shall be 18.0 inches of water. For the vacuum test, the initial vacuum shall be 6.0 inches of water.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(E)(5)</td>
<td>The leak tightness of a gasoline tank truck shall be determined in accordance with the test procedure set forth in USEPA method 27. For the pressure test, the initial pressure shall be 18.0 inches of water. For the vacuum test, the initial vacuum shall be 6.0 inches of water.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(F)(1)</td>
<td>The leak detection instrument shall be calibrated before use on each day of its use.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(F)(2)</td>
<td>Simultaneous use of more than one dispenser on each loading rack shall occur to the extent that such use would normally occur.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(F)(3)</td>
<td>The leak detection instrument shall be calibrated before use on each day of its use.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(G)(2)</td>
<td>The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (L)(4) of this rule.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-10</td>
<td>(H)(2)</td>
<td>The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (L)(4) of this rule.</td>
<td>3704.03(1)</td>
<td>Fed</td>
<td>CAA 182</td>
<td>No</td>
</tr>
</tbody>
</table>
The dryer shall be tested under normal operating conditions for at least thirty dryer loads that total not less than four thousand pounds dry weight of articles cleaned. The dryer loads shall represent a normal range of variations in fabrics, solvents, load weights, temperatures, flow rates, and process deviations. Each dryer load shall be tested in accordance with paragraph (L)(3) or (N)(2) of this rule.  

The dryer's volatile organic compound emission rate (in pounds per one hundred pounds dry weight of articles cleaned) shall be calculated for the combined dryer loads tested under this method as equal to one hundred multiplied by the sum total of WVOC and divided by the sum total of Wa.  

The solvent filter shall be tested under normal operating conditions for at least three time periods according to the procedures specified in paragraph (M)(3) of this rule.  

The actual exit velocity of a flare shall be calculated by dividing the volumetric flow rate (in units of standard temperature and pressure) of the flare header or headers that feed the flare, as determined by USEPA methods 2, 2A, 2C, or 2D as appropriate, by the unobstructed (free) cross-sectional area of the flare tip, as determined by design and engineering principles.  

The maximum permitted velocity of an air-assisted flare shall be determined by the following equation:  

The net heating value of gas being combusted in a flare or being vented from a process vent stream shall be calculated using the following equation: where:  

Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of this rule shall be conducted.  

Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency in accordance with paragraph (C) of this rule shall be conducted.  

The results of any compliance testing required by the director for tests conducted pursuant to paragraphs (C) to (F) and (L) of this rule shall not be accepted unless the Ohio EPA district office or local air agency has been notified of the intent to test in accordance with paragraph (A)(4)(A) of this rule not less than thirty days before the proposed initiation of the testing.  

For any source compliance determination, the owner or operator of the source shall be responsible for providing the following: (a) Sampling ports, pipes, lines, or appurtenances for the collection of samples and data required by the test procedures.  

light, electricity, and other utilities required for sample and data collection.
The equipment, procedures, and dynamic pressure performance criteria are identified in appendix B to this rule. The post test inspection form, as required by paragraph (D)(1)(c) of rule 3745-21-09 of the Administrative Code, is contained in appendix C to this rule.

Applicability for the Cincinnati area.
- (a) Except as otherwise provided in paragraph (A)(3)(b) of this rule, paragraphs (a) to (i) of this rule shall apply to each commercial bakery oven facility that meets both of the following criteria:

Applicability for the Cleveland-Akron-Lorain area.
- (a) Except as otherwise provided in paragraph (A)(3)(b) of this rule, paragraphs (a) to (i) of this rule shall apply to each commercial bakery oven facility that meets both of the following criteria:

A VOC emission factor based on emission testing can be used to calculate the facility’s total uncontrolled potential to emit for VOC in tons per year. In the event emission testing is conducted, the emission testing results would be used instead of the VOC emission factor equation in paragraph (C)(1)(c) of this rule. Such emission testing shall be based on the test methods and procedures specified under paragraph (F) of this rule.

For bakery ovens that are located within a county specified in paragraph (A)(2)(a)(ii) of this rule and for which installation commenced on or after August 25, 2008, such restrictions shall be in effect upon initial startup of the bakery oven.

The concentration of VOC in a gas stream or exhaust vent shall be determined by utilizing any of the methods specified under paragraph (C)(2) of rule 3745-21-10 of the Administrative Code.
<table>
<thead>
<tr>
<th>Rule Section</th>
<th>Subsection</th>
<th>Description</th>
<th>Compliance Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-12</td>
<td>(G)(1)</td>
<td>The owner or operator shall record the results of each inspection in a permanent log to be retained on-site for a period of not less than five years and shall make the log available to the director or any authorized representative of the director for review during normal business hours.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(G)(2)</td>
<td>The owner or operator shall maintain the parameters listed in paragraphs (C)(1)(a) to (C)(1)(c) of this rule within the baseline operational data established during the most recent compliance test that demonstrated compliance.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(G)(3)</td>
<td>The owner or operator shall inspect the VOC emission control system and monitoring equipment to assure that the control system is operating properly, and that no leaks or malfunctions have occurred or are occurring.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(G)(4)</td>
<td>The inspections shall be made at the frequency defined by the equipment manufacturer, or as otherwise appropriate for each unit, component, or operation, but not less than monthly.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(G)(5)</td>
<td>The owner or operator shall record the results of each inspection in a permanent log to be retained on-site for a period of not less than five years and shall make the log available to the director or any authorized representative of the director for review during normal business hours.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(G)(6)(c)</td>
<td>The owner or operator shall keep monthly production period records of the following operational data for each yeast-leavened product for each bakery oven:</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(H)(1)</td>
<td>The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(2) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(H)(2)</td>
<td>The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(3) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(H)(3)</td>
<td>The owner or operator shall notify the appropriate Ohio EPA district office or local air agency of any record showing the bakery oven exceeded the applicable VOC emissions limit.</td>
<td>Yes, Yes, No</td>
</tr>
<tr>
<td>3745-21-12</td>
<td>(H)(4)</td>
<td>A copy of such record shall be sent to the appropriate Ohio EPA district office or local air agency within forty-five days after the exceedance occurs.</td>
<td>Yes, Yes, No</td>
</tr>
</tbody>
</table>
For any bakery oven equipped with a VOC emission control system and subject to the paragraph (D)(1) of this rule, the owner or operator shall collect and record the following information each day of operation of the bakery oven.

The owner or operator shall submit to the appropriate Ohio EPA district office or local air agency quarterly summaries of the records required by paragraph (H)(1) of this rule.

These quarterly reports shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.

The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(1) of this rule and that has a bakery oven with an initial startup date before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.

The notification, which shall be submitted not later than sixty days after May 27, 2005 (or within sixty days after the bakery oven becomes subject to this rule), shall provide the following information:

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (H)(1) of this rule.

The notification, which shall be submitted not later than sixty days after May 27, 2005 (or within sixty days after the bakery oven becomes subject to this rule), shall be submitted by April thirtieth, July thirty-first, October thirty-first, and January thirty-first, and shall cover the records for the previous calendar quarters.

The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(2) of this rule and that has a bakery oven with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(2) of this rule and that has a bakery oven with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (H)(1) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the bakery oven or July 26, 2005 (whichever is later), shall provide the information listed under paragraph (H)(1) of this rule.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (H)(1) of this rule.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (H)(1) of this rule.

The owner or operator of a commercial bakery oven facility that is subject to this rule pursuant to paragraph (A)(2) of this rule and that has a bakery oven with an initial startup date before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the bakery oven is subject to this rule.

An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance. Such certification shall include all compliance certification requirements under paragraph (H)(1) of this rule.
1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities

Yes Yes Yes

The owner or operator of each commercial bakery oven facility subject to this rule shall keep the records required under paragraphs (H)(1) to (H)(5) of this rule on site for at least five years following the date of the record and shall make such records available to the director or any authorized representative of the director for review during normal business hours.

3704.03(E) Fed 1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities

Yes Yes No

An application for an operating permit or permit-to-install and operate is required provided the subject process is operating under an effective permit and complies with.

3704.03(E) Fed 1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities

Yes Yes No

The completion of installation and initial use of any monitoring devices required under paragraph (G) of this rule for the bakery oven.

3704.03(E) Fed 1992 ACT - Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities

Yes Yes No

Except as otherwise provided in paragraph (A)(2) of this rule, a reactor or distillation unit shall be considered regulated by a paragraph, rule or subpart if the subject process is operating under an effective permit and certifies compliance.

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

For the purposes of paragraph (A)(2) of this rule, a reactor or distillation unit shall determine the group status (i.e., group 1, group 2A, or group 2B) for each process vent based on flow rate, VOC concentration, and TRE index value in accordance with paragraph (D)(3) to (D)(5) of this rule and the procedures contained in paragraph (E) of this rule.

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

A process vent shall be group 1 if it meets at least one of the following specifications:

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

A process vent shall be group 2A if it is from a recovery system and if, at representative operating conditions expected to yield the lowest TRE index value for the process vent...

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

B) A process vent shall be group 2B if it meets any one of the following specifications:

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

Process changes for group 2A and group 2B process vents. Whenever process changes are made that could reasonably be expected to change a group 2A or group 2B process vent to a group 1 process vent, the owner or operator shall perform the group status determination as soon as practical after the process change and within sixty days after the process change.

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

The owner or operator shall perform the group status determination as soon as practical after the process change and within sixty days after the process change.

3704.03(E) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

Yes Yes No

A process vent shall be reevaluated by using the measurement procedure in paragraph (E)(9) of this rule or by using an engineering assessment of the effects of the change.
The VOC and TOC emission rate of a process vent shall be determined by engineering assessment or by the measurement procedure of paragraph (E)(12) of this rule.  

The halogen status of a process vent shall be determined by process knowledge that no halogen or hydrogen halides are present in the process vent, by engineering assessment, or by the measurement procedure of paragraph (E)(13) of this rule.  

If the mass emission rate of halogen atoms for a process vent is equal to or greater than 0.99 pound per hour, the process vent shall be classified as halogenated.  

TRE index values based on a flare, a thermal incinerator with zero heat recovery, and a thermal incinerator with seventy percent heat recovery, and shall select the lowest TRE index value.  

For a halogenated process vent stream, the owner or operator shall use the applicable coefficients in table A to calculate the TRE index value based on a thermal incinerator and scrubber.
If the process vent stream passes through a final steam jet ejector and is not condensed, the volumetric flow rate shall be corrected to 2.3 per cent moisture. (E)(9) shall (Measurement procedure for flow rate) The process vent volumetric flow rate in standard cubic meters per minute shall be measured at a sampling site selected as specified in paragraph (E)(2)(b) of this rule and by the appropriate method specified in paragraph (C)(3)(f) of rule 3745-21-10 of the Administrative Code. (E)(10)(a) shall The sampling site shall be selected as specified in paragraph (E)(2)(b) of this rule. (E)(10)(b) shall The methods and procedures under paragraph (C) of rule 3745-21-10 of the Administrative Code shall to be employed wherein USEPA method 18 or USEPA method 25A shall be employed for VOC concentration. (E)(10)(c)(i) shall If USEPA method 18 is employed, the following procedures shall be used: The minimum sampling time for each run shall be one hour in which either an integrated sample or four grab samples shall be taken. (E)(10)(c)(ii) shall The organic compound used as the calibration gas for USEPA method 25A shall be used only if a single organic compound of VOC is greater than fifty per cent of the total VOC by volume, in the process vent. (E)(10)(d)(i) shall The VOC concentration (C) is the sum of the concentrations of the individual components and shall be computed for each run by the following equation:

\[ C = \sum \text{Concentration of individual components} \]

(E)(10)(d)(ii) shall The span value for USEPA method 25A shall be equal to five hundred ppmv.
<table>
<thead>
<tr>
<th>Section</th>
<th>Text</th>
<th>Federal Code</th>
<th>1993 CTG</th>
<th>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</th>
<th>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</th>
<th>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-13 (E)(10)(d)(vi)</td>
<td>The owner or operator shall demonstrate that the total organic concentration measured by USEPA method 25A is below two hundred fifty ppmv in order for the VOC concentration to be considered below five hundred ppmv.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(11)</td>
<td>(Measurement procedure for net heating value) The net heating value of a vent stream shall be measured and calculated in accordance with 40 CFR 63.115(d)(2)(ii) and 40 CFR 63.115(d)(2)(iii).</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(12)</td>
<td>(Measurement procedure for VOC and TOC emission rates) The TOC and VOC emission rates of a process vent shall be determined in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code and the following:</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(12)(a)</td>
<td>The sampling site shall be selected as specified in paragraph (EX2)(b) of this rule.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(12)(b)</td>
<td>The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(12)(c)</td>
<td>If grab sampling is used, then the samples shall be taken at approximately equal intervals in time such as fifteen-minute intervals during the run.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (E)(13)</td>
<td>The mass rates of TOC and VOC for each sample shall be calculated in accordance with paragraph (C)(4) of rule 3745-21-10 of the Administrative Code.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (F)(1)</td>
<td>For any group 1 process vent, the owner or operator shall comply with paragraph (F)(1)(a)…</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (F)(1)(d)</td>
<td>If the group 1 process vent is a halogenated process vent that is discharged to a combustion device, the owner or operator shall also comply with paragraph (F)(1)(g) of this rule.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (F)(1)(e)</td>
<td>If the TRE index value is greater than 1.0, the process vent shall meet the requirements for a group 2A or group 2B process vent specified in paragraph (F)(1)(g).</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-21-13 (F)(1)(f)</td>
<td>The combustion control shall reduce VOC emissions from the group 1 process vent by at least ninety per cent by weight.</td>
<td>3704.03(h) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
The use of paragraph (F)(1)(f) of this rule shall terminate for the group 1 process vent.

A group 1 process vent that is a halogenated process vent and that is discharged to a combustion device shall be controlled with a halogen reduction device that meets paragraph (F)(1)(g)(i)(b) of this rule.

A scrubber or other halogen reduction device that follows combustion shall meet either of the following:

Except as provided in paragraph (F)(1)(g)(i)(b) of this rule, the scrubber or other halogen reduction device shall reduce overall emissions of hydrogen halides and halogens by ninety-nine per cent.

The owner or operator transferring the gas stream shall do the following:

Records retained by the transferee shall be retained in accordance with paragraph (J)(1) of this rule.

Written certifications and revocation statements to the director from the transferees of such gas streams shall be signed by a responsible official of the certifying entity and provide the name and address of the certifying entity.

For any group 2A process vent, the owner or operator shall maintain a TRE index value greater than 1.0.

For any group 2B process vent, the owner or operator shall maintain a flow rate less than 0.30 scfm.
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<thead>
<tr>
<th>Section</th>
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<tbody>
<tr>
<td>3745-21-13 (G)(1)</td>
<td>shall comply with this rule by no later than the following dates:</td>
</tr>
<tr>
<td>3745-21-13 (G)(2)</td>
<td>Until that date of first startup, the group 1 process vent shall continue to comply with paragraph (F)(1)(f) of this rule.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)</td>
<td>If there is a change in group status due to a process change, the owner or operator shall meet one of the following:</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(a)</td>
<td>If this demonstration is made to the director’s satisfaction, the owner or operator shall comply as expeditiously as practical, but in no event later than one year after the process vent becomes a group 1 process vent.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(a)(i)</td>
<td>The owner or operator shall submit to the director for approval a compliance schedule, along with a justification for the schedule.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(a)(ii)</td>
<td>The compliance schedule shall be submitted with an application for a permit, or an application for a modification of a permit, or by other means provided by the appropriate Ohio EPA district office or local air agency.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(a)(iii)</td>
<td>The director shall approve the compliance schedule or request changes within ninety calendar days of receipt of the compliance schedule and justification for the schedule.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(b)</td>
<td>The group status change to group 2A Where the process change causes the process vent group status to change to group 2A, the owner or operator shall comply with paragraph (F)(3) of this rule as soon as practical after the process change.</td>
</tr>
<tr>
<td>3745-21-13 (G)(3)(c)</td>
<td>The group status change to group 2B Where the process change causes the process vent group status to change to group 2B or causes the basis of a group 2B status to change, the owner or operator shall comply with paragraph (F)(3) of this rule as soon as practical after the process change.</td>
</tr>
<tr>
<td>3745-21-13 (G)(4)</td>
<td>...combination of control devices that is designed and operated to meet paragraph (F)(1)(d) of this rule shall demonstrate compliance by conducting a compliance test of the control or recovery devices in accordance with paragraph (I).</td>
</tr>
<tr>
<td>3745-21-13 (H)(1)</td>
<td>For any flare used by a group 1 process vent to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer’s specifications, a monitoring device...</td>
</tr>
<tr>
<td>3745-21-13 (H)(2)</td>
<td>For any combustion device (boiler, process heater, incinerator) used by a group 1 process vent to comply with paragraph (F)(1)(d) or (F)(1)(g) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer’s specifications...</td>
</tr>
<tr>
<td>Section</td>
<td>Paragraph</td>
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<tr>
<td>3745-21-13</td>
<td>(H)(1)</td>
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<td>3745-21-13</td>
<td>(H)(2)(a)</td>
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<td>3745-21-13</td>
<td>(H)(4)(a)(ii)(j)</td>
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<td>(H)(4)(b)</td>
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<td>(H)(7)(a)</td>
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<tr>
<td>Section</td>
<td>Excerpt</td>
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<tr>
<td>3745-21-13</td>
<td>(H)(7) shall In order to establish the range, the information specified under paragraph (K)(2)(c) of this rule shall be submitted as part of the initial compliance status report required under paragraph (K)(2) of this rule. 3704.03(H) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(K)(8)(a) shall The owner or operator who has been directed by any paragraph of this rule to establish monitoring devices and parameters or request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application for a permit or modification of a permit. 3704.03(H) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(K)(8)(a)(ii) shall The rationale for the proposed monitoring, recording, and reporting system shall be included. 3704.03(H) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(K)(9) shall If the monitoring device and parameter are approved by the director, the monitoring device and parameter, including associated records and semiannual reporting, shall be specified in the terms and conditions of a permit or order issued by the director. 3704.03(H) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(K)(9)(c) shall ...a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted. 3704.03(H) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(I)(1) shall Where a flare is used to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall conduct compliance tests as follows: 3704.03(I) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(I)(3) shall ...VOC concentration requirement in paragraph (F)(1)(d) of this rule or the VOC reduction requirement in paragraph (F)(1)(f) of this rule, shall conduct an initial compliance test as follows: 3704.03(I) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(I)(3)(a)(i) shall The control device inlet sampling site shall be located after the final recovery device (if any). 3704.03(I) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(I)(3)(a)(ii) shall ...selection of the location of the inlet sampling sites shall ensure the measurement of VOC concentrations in all vent streams and primary and secondary fuels introduced into the boiler or process heater. 3704.03(I) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(I)(3)(b) shall For determination of compliance with the twenty ppmv VOC limit, the sampling site shall be located at the outlet of any control device. 3704.03(I) Fed 1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production Yes Yes No</td>
</tr>
</tbody>
</table>
The VOC concentration and mass rate of VOC for each sampling site shall be determined in accordance with the test methods in paragraph (C) of rule 3745-21-09 of the Administrative Code as follows:

3745-21-13 (I)(3)(c) shall VOC concentration shall be based on USEPA method 18.

3745-21-13 (I)(3)(c)(i) shall The minimum sampling time for each run shall be one hour in which either an integrated sample or a minimum of four grab samples shall be taken.

3745-21-13 (I)(3)(c)(ii) shall The mass rate of VOC for each sample shall be calculated in accordance with paragraph (C)(4) of rule 3745-21-10 of the Administrative Code.

3745-21-13 (I)(3)(c)(iii) shall The mass rate of VOC for each run shall be the average of the mass rate of VOC of each sample within that run.

3745-21-13 (I)(3)(d) shall The per cent reduction of VOC shall be the per cent reduction in the mass rate of VOC between the outlet of the last recovery device and the outlet to atmosphere from all control devices combined.

3745-21-13 (I)(3)(e) shall if a combustion device is the control device used to comply with the twenty ppm VOC limit, the concentration of VOC shall be corrected to three per cent oxygen for each run as follows:

3745-21-13 (I)(3)(e)(i) shall The concentration corrected to three per cent oxygen (Cc) shall be computed using the following equation: Cc = Cm (17.9)/(20.9 - %02d).

3745-21-13 (I)(3)(e)(ii) shall For determining compliance with the per cent reduction requirement, sampling sites shall be located at the inlet and outlet of the scrubber or other halogen reduction device used to reduce halogen emissions.

3745-21-13 (I)(4) shall Any owner or operator using a combustion device followed by a scrubber or other halogen reduction device to comply with paragraph (III)(1)(d) of this rule shall conduct an initial compliance test...

3745-21-13 (I)(4)(a) shall For determining compliance with outlet mass emission limit, the sampling site shall be located at the outlet of the scrubber or other halogen reduction device and prior to any releases to the atmosphere.
<table>
<thead>
<tr>
<th>Section</th>
<th>Paragraph</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993 CTG</td>
<td>4-126(h)</td>
<td>The mass emissions of each hydrogen halide and halogen compound shall be calculated from the measured concentrations and the gas stream flow rate.</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(i)(4)</td>
<td>To demonstrate compliance with the per cent reduction requirement, the owner or operator shall do the following: (i) Sum the mass emissions...</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(i)(4)(b)</td>
<td>To demonstrate compliance with the outlet mass emission limit, the owner or operator shall sum the mass emissions for any hydrogen halides and halogens at the outlet of the scrubber...</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(i)(5)</td>
<td>The resultant mass emission rate of total hydrogen halides and halogen...</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(i)(6)</td>
<td>All records specified under this paragraph shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours.</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(j)(1)</td>
<td>The owner or operator of a reactor or distillation unit subject to this rule shall maintain records used to determine the group status of each process vent. The following types of records are to be maintained:</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(j)(2)(a)</td>
<td>Each owner or operator who elects to demonstrate that a process vent is group 2B based on a flow rate less than 0.30 scfm shall record the flow rate as measured using the measurement procedure specified in paragraph (E)(9)....</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>4-126(j)(2)(b)</td>
<td>Each owner or operator who elects to demonstrate that a process vent is group 2B based on a VOC concentration less than the five hundred ppmv shall record the VOC concentration as measured using the measurement procedure specified in paragraphs (E)(10)...</td>
</tr>
<tr>
<td>Rule Section</td>
<td>Text</td>
<td>Date</td>
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<tr>
<td>3745-21-13</td>
<td>(J)(2)(d)</td>
<td>shall</td>
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<td>3745-21-13</td>
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<td>shall</td>
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<td>3745-21-13</td>
<td>(J)(2)(d)(iii)</td>
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<td>3745-21-13</td>
<td>(J)(2)(d)(iv)</td>
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<td>3745-21-13</td>
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<td>3745-21-13</td>
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<td>3745-21-13</td>
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<td>3745-21-13</td>
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<td>3745-21-13</td>
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<td>shall</td>
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<td>3745-21-13</td>
<td>(J)(3)(e)</td>
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<td>3745-21-13</td>
<td>(J)(3)(f)</td>
<td>shall</td>
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<tr>
<td>Section</td>
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<tr>
<td>3745-21-13</td>
<td>(J)(4)(a)</td>
<td>Any owner or operator of a group 1 process vent shall keep an up-to-date, readily accessible record of the data specified in paragraphs (J)(4)(a) to (J)(4)(e).</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(b)</td>
<td>When using a flare to comply with paragraph (F)(1)(a) of this rule, the owner or operator shall maintain records on the following:</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(c)</td>
<td>When using a boiler or process heater to comply with paragraph (F)(2)(b) of this rule, the owner or operator shall maintain records on the heat input capacity of the boiler or process heater.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(d)</td>
<td>When using a control device (boiler, process heater, incinerator, or recapture device) to comply with paragraph (F)(1)(d) of this rule, the owner or operator shall maintain records of the TRE determination tests conducted pursuant to paragraph (I)(7) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(e)</td>
<td>When using a recovery system, process change, or other means to achieve and maintain a TRE index value greater than 1.0 and to comply with paragraph (F)(1)(e) of this rule, the owner or operator shall maintain records of the TRE determination tests conducted pursuant to paragraph (I)(7) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(f)</td>
<td>When using a combustion device to comply with paragraph (F)(1)(f) of this rule, the owner or operator shall maintain records of the following:</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(g)</td>
<td>When using a scrubber or other halogen reduction device following a combustion device to control a halogenated vent stream to comply with paragraph (F)(1)(i) of this rule, the owner or operator shall maintain records of the location at which the vent stream is introduced into the boiler or process heater.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(4)(h)</td>
<td>When transferring a group 1 process vent for disposal to comply with paragraph (F)(1)(h) of this rule, the owner or operator shall keep an up-to-date, readily accessible record of the data specified in paragraphs (J)(5)(a) to (J)(5)(b) of this rule to demonstrate compliance with paragraph (F)(2) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(5)</td>
<td>Any owner or operator of a group 2B process vent shall keep an up-to-date, readily accessible record of the data specified in paragraph (J)(5)(a), (J)(5)(b), or (J)(5)(c) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(6)(a)</td>
<td>Any owner or operator who elects to demonstrate that a process vent is a group 2B process vent based on a flow rate being less than 0.30 scfm shall maintain a record of the vent stream flow rate as determined in accordance with paragraph (E)(3) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(6)(b)</td>
<td>Any owner or operator who elects to demonstrate that a process vent is a group 2B process vent based on a VOC concentration being less than five hundred ppm shall maintain a record of the vent stream VOC concentration as determined in accordance with paragraph (E)(4) of this rule.</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(6)(c)</td>
<td>Any owner or operator who elects to demonstrate that a process vent not from a recovery system is a group 2B process vent based on the TRE index value being greater than 1.0 shall maintain records of the following:</td>
</tr>
<tr>
<td>3745-21-13</td>
<td>(J)(6)(d)</td>
<td>Any owner or operator who elects to demonstrate that a process vent from a recovery system is a group 2B process vent based on the TRE index value being greater than 4.0 shall maintain records of the following:</td>
</tr>
</tbody>
</table>
shall each owner or operator of a reactor or distillation unit subject to this rule submit an initial compliance status report within sixty calendar days after the compliance dates specified in paragraph (G) of this rule as follows: each initial compliance status report shall include the results of any process vent group determinations, compliance tests, TRE determination tests, inspections, and any group determinations based on measurements, the initial compliance status report shall include one complete test report for each test method used for a particular kind of process vent. For additional tests and measurements performed for the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required. For each monitored parameter for which a range is required to be established under paragraph (H)(7) of this rule (pertains to group 1 and group 2A process vents), the compliance status report shall include the following information. For a group 1 process vent, the semiannual compliance status reports shall include the following recorded information: the semiannual compliance status reports shall be submitted no later than sixty calendar days after the end of each six-month period to the appropriate Ohio EPA district office or local air agency. The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due. The first report shall be submitted no later than six months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due. For a group 2A process vent, the semiannual compliance status reports shall include the following recorded information: The semiannual compliance status reports shall be submitted no later than sixty calendar days after the compliance dates specified in paragraph (G) of this rule as follows: for a group 1 process vent, the semiannual compliance status reports shall include the following recorded information: for a group 2A process vent, the semiannual compliance status reports shall include the following recorded information: The proposed rule shall not be effective until the rule has been submitted to the General Assembly for its approval or disapproval. The proposed rule shall become effective on the date that rule is approved by the General Assembly or on the date specified in the rule approval act. The proposed rule shall not be effective until the rule has been submitted to the General Assembly for its approval or disapproval. The proposed rule shall become effective on the date that rule is approved by the General Assembly or on the date specified in the rule approval act. The proposed rule shall become effective on the date that rule is approved by the General Assembly or on the date specified in the rule approval act. 3745-21-13 (J)(7) shall rule regarding a process unit with a total design capacity for all chemicals produced within that unit of less than one thousand one hundred tons per year, shall keep up-to-date records detailing the design production capacity of the process unit...
<table>
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<th>Clause</th>
<th>Text</th>
<th>Date</th>
<th>Source</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-13 (K)(4)(a)</td>
<td>shall</td>
<td>...has an initial startup date before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation operation is subject to this rule.</td>
<td>3745-21-13 (L)(1)</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13 (K)(4)(b)</td>
<td>shall</td>
<td>...has an initial startup date on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation unit is subject to this rule.</td>
<td>3745-21-13 (L)(2)</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13 (K)(4)(c)</td>
<td>shall</td>
<td>...has an initial startup date on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation unit is subject to this rule.</td>
<td>3745-21-13 (L)(3)</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-13 (K)(4)(d)</td>
<td>shall</td>
<td>...has an initial startup date on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the reactor or distillation unit is subject to this rule.</td>
<td>3745-21-13 (L)(4)</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>Section</td>
<td>Requirement</td>
<td>Description</td>
<td></td>
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<tr>
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</tr>
<tr>
<td>1993 CTG</td>
<td>11(4)</td>
<td>The notification, which shall be submitted not later than either the date of initial startup of the reactor or distillation unit or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (I)(5) of this rule.</td>
<td>3704.03(F) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>11(5)</td>
<td>The notification required in paragraphs (I)(1) to (I)(4) of this rule shall include the following information:</td>
<td>3704.03(F) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>11(5)(4)</td>
<td>Such certification shall include all compliance certification requirements under paragraph (K)(2) of this rule.</td>
<td>3704.03(F) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>12(1)</td>
<td>Group 1 process vents require control for VOC, and group 2A and group 2B process vents do not.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>12(1)</td>
<td>Group 1 process vents require monitoring of control devices, except for boilers or process heaters specified under paragraphs (F)(1)(b) and (F)(1)(c) of this rule, and require monitoring of bypass lines.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>12(1)</td>
<td>Group 2A process vents require monitoring of the associated recovery systems, and group 2B process vents do not require any monitoring.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>12(1)</td>
<td>Group 2A process vents require monitoring of the associated recovery systems, and group 2B process vents do not require any monitoring.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>13(1)(b)</td>
<td>The notice shall be submitted to the transferee initially and whenever there is a change in the required control.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>13(1)(b)</td>
<td>Additional testing of the process vent, control device, or recovery device of a reactor or distillation unit in accordance with paragraph (I) of this rule may be required by the director to ensure continued compliance.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>13(4)(a)(iii)</td>
<td>The plan shall require determination of gas stream flow by a method that will at least provide a value for either a representative or the highest gas stream flow anticipated.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>13(7)(a)</td>
<td>Compliance testing is not required to be conducted over the entire range of permitted parameter values.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>1993 CTG</td>
<td>13(7)(b)</td>
<td>TRE determination testing or vent stream measurements are not required to be conducted over the entire range of permitted parameter values.</td>
<td>3704.03(H) Fed</td>
<td>1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production</td>
</tr>
<tr>
<td>Section</td>
<td>Requirement</td>
<td>Description</td>
<td>Rule Citation</td>
<td>Cincinnati TG</td>
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<tr>
<td>---------</td>
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</tr>
<tr>
<td>3745‐21‐13 (K)(2)(c)</td>
<td>required</td>
<td>In order to establish the range, the information specified under paragraph (K)(2)(c) of this rule shall be submitted as part of the initial compliance status report required under paragraph (K)(2) of this rule.</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(8)(a)(ii)</td>
<td>required</td>
<td>...request approval to employ monitoring devices and parameters other than required by this rule shall submit within an application for a permit or modification of a permit...</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(8)(c)(ii)</td>
<td>required</td>
<td>...establish a range for the monitored parameter as part of the initial compliance status report required in paragraph (K)(2) of this rule.</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (J)(2)</td>
<td>required</td>
<td>No initial compliance test is required for a boiler or process heater used to comply with paragraph (F)(1)(b) or (F)(1)(c) of this rule.</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (J)(8)</td>
<td>required</td>
<td>An initial compliance test is not required for the following: (a) A control device for which a test was conducted...</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(2)(b)</td>
<td>required</td>
<td>For additional tests and measurements performed for the same kind of process vent using the same test method, the test results or measurement results shall be submitted, but a complete test report is not required.</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(2)(d)</td>
<td>required</td>
<td>For each monitored parameter for which a range is required to be established under paragraph (H)(7)...</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(4)(a)(ii)</td>
<td>required</td>
<td>The results of the redetermination of the flow rate, VOC concentration, and TRE index value required under paragraph (D)(6)...</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(4)(b)(ii)</td>
<td>required</td>
<td>The results of the determination or redetermination of the TRE index value required under paragraph (D)(6)...</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(4)(c)(ii)</td>
<td>required</td>
<td>The results of the determination or redetermination of the TRE index value required under paragraph (D)(6)</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (K)(4)(e)</td>
<td>required</td>
<td>The owner or operator is not required to submit a report of a process change if one of the following conditions are met:</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (L)(5)</td>
<td>required</td>
<td>The notification required in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
<tr>
<td>3745‐21‐13 (L)(5)(e)(ii)</td>
<td>required</td>
<td>An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.</td>
<td>3704.03(E)</td>
<td>Fed</td>
</tr>
</tbody>
</table>
1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

| 3745-21-13 | (f)(1)(ii) | may not | The owner or operator may not transfer the gas stream unless the transferee has submitted to the director a written certification that the transferee will manage... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

| 3745-21-13 | (f)(1)(ii) | may not | Upon expiration of the notice period, the owner or operator may not transfer the gas stream to the transferee. | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Reactors and Distillation units Employed in SOCMI Chemical Production

| 3745-21-14 | A[1] | shall | Except as otherwise provided in paragraphs [A][4] and [A][5] of this rule, paragraph [C] of this rule shall apply to any facility that has a batch process train associated with any of the following SIC codes... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | A[2] | shall | For the purposes of paragraph [A][1] of this rule, a source shall be considered regulated by a paragraph, rule or subpart if the source is subject to the limits of that paragraph, rule, or subpart. | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[2] | shall | Paragraphs (D) to (J) of this rule shall not apply to the following: (a) Any emissions unit included... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[3][a] | shall | The applicability equation shall be applied to the following: (a) Any unit operation... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[4][a] | shall | Any unit operation with uncontrolled total annual mass emissions and flow rate value, shall be used to determine whether a unit operation... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[4][c] | shall | Weighted average volatility shall be calculated as follows: | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[5][c] | shall | For purposes of determining applicability, calculated applicability flow rate values shall be determined as follows: | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[5][c][i] | shall | Process vents with a WAV that is less than or equal to seventy-five mnmr at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation: | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[5][c][ii] | shall | Process vents with a WAV that is greater than seventy-five mnmr but less than or equal to one hundred fifty mnmr at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation: | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | C[5][c][iii] | shall | Process vents with a WAV that is greater than one hundred fifty mnmr at twenty degrees Celsius (sixty-eight degrees Fahrenheit), shall use the following equation: | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | D | shall | The controls set forth in this paragraph shall apply to process vents of batch process trains and unit operations within batch process trains (batch operations). | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | D[1] | shall | ...the flow rate value calculated by the applicability equations contained in paragraph (C)(5) of this rule, shall reduce uncontrolled VOC emissions from such unit operation by an overall efficiency... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | D[2] | shall | ...the flow rate value calculated by the applicability equations contained in paragraph (C)(5) of this rule, shall reduce uncontrolled VOC emissions from such batch process train by an overall efficiency... | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |

1993 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations

| 3745-21-14 | D[3] | shall | If a boiler or process heater is used to comply with paragraph (D)[1] or (D)[2] of this rule, the vent stream shall be introduced into the flame zone of the boiler or process heater. | 704.03(11) | Fed | 1995 CTG - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations | Yes | Yes | No |
If a flare is used to comply with paragraph (D)(1) or (D)(2) of this rule, the flare shall comply with paragraph (DD)(10)(d) of rule 3745-21-09 of the Administrative Code.

Engineering estimates of the uncontrolled VOC emissions shall be based upon accepted chemical engineering principles, measurable process parameters, or physical or chemical laws and their properties.

All data, assumptions and procedures used in any engineering estimate shall be documented.

Average flow rate shall be determined by any of the following methods: (a) Direct process vent flow rate, (b) Average flow rate for a unit operation having multiple emission events or batch process trains shall be the weighted average flow rate, calculated as follows:

The owner or operator, at the owner or operator's own expense, shall conduct such tests in accordance with the applicable test methods and procedures specified in paragraphs (F)(4) to (F)(6) of this rule.

For the purpose of demonstrating compliance with paragraph (D) of this rule, the batch process train or unit operation shall run at representative operating conditions and flow rates during any compliance test.

The following methods in 40 CFR part 60, appendix A shall be used to demonstrate compliance with the reduction efficiency requirement set forth in paragraph (D) of this rule:

For batch cycles less than eight hours in length, readings shall be taken continuously over the entire length of the batch cycle with a maximum of fifteen-minute intervals between measurements if using USEPA method 25A.
If using USEPA method 18, readings shall be taken continuously with a maximum of fifteen-minute intervals between measurements throughout the batch cycle.

For each emission event of less than four hours in duration, the owner or operator shall test continuously over the entire emission event as set forth in paragraph (F)(6)(c)(i) of this rule.

For each emission event of greater than four hours in duration, the owner or operator shall elect either to perform a minimum of three one-hour test runs during the emission event or test continuously over the entire emission event within each unit operation in the batch process train.

The mass emission rate from the process vent or inlet to the control device shall be determined by combining concentration and flow rate measurements.

The mass emission rate from the control device outlet shall be obtained by combining concentration and flow rate measurements.

The efficiency of the control device shall be determined by integrating the mass emission rates obtained in paragraphs (F)(6)(c)(ii) and (F)(6)(c)(iii).

Every owner or operator using a condenser to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to manufacturer’s specifications, either of the following:

Every owner or operator using a scrubber to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to manufacturer’s specifications.

Every owner or operator using an incinerator to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to manufacturer’s specifications.
<table>
<thead>
<tr>
<th>Section</th>
<th>Paragraph</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-14</td>
<td>(G)(5)</td>
<td>Every owner or operator using a carbon adsorber to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, either of the following: 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(G)(6)</td>
<td>Every owner or operator using a boiler or process heater with a design heat input capacity less than one hundred fifty million Btu per hour that is to comply with paragraph (D) of this rule shall install, calibrate, maintain, and operate, according to the manufacturer's specifications. 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(G)(7)</td>
<td>Every owner or operator of a process vent shall be permitted to monitor by an alternative method or may monitor parameters other than those listed in paragraphs (G)(1) to (G)(6) of this rule... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(G)(7)</td>
<td>Such alternative method or parameters shall be contained in a permit pertaining to the process vent as federally enforceable permit conditions. 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(G)(8)</td>
<td>In accordance with paragraph (G)(6)(ii) of this rule, for an owner or operator that elects to monitor the upstream temperature only of the catalytic incinerator, an inspection and maintenance plan shall be developed... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>At a minimum, the plan shall include the following: 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(a) Annual sampling... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(b) If problems are found, corrective action consistent with the manufacturer's recommendations shall be implemented and a new performance test to determine destruction efficiency... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(c) The documentation shall include the engineering calculations, any measurements made in accordance with paragraph (F) of this rule... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(d) Every owner or operator of a unit operation or batch process train that is exempt from control per paragraph (C)(3) of this rule shall keep records of the uncontrolled total annual mass emissions... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(e) The documentation shall include any engineering calculations, any measurements made in accordance with paragraph (F) of this rule... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(1)</td>
<td>(f) Every owner or operator of a unit operation or batch process train subject to paragraph (D) of this rule shall keep records of the following parameters required to be monitored under paragraph (G) of this rule: 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(2)</td>
<td>Any alternative recordkeeping shall be approved by the director and US EPA in writing and shall be contained in the permit pertaining to the batch process train or unit operation as federally enforceable permit conditions. 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(3)</td>
<td>The owner or operator of a unit operation or batch process train that is exempt from paragraph (D) of this rule shall notify the director in writing if the uncontrolled total annual mass emissions... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(4)</td>
<td>Any alternative recordkeeping shall be approved by the director and US EPA in writing and shall be contained in the permit pertaining to the batch process train or unit operation as federally enforceable permit conditions. 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(H)(5)</td>
<td>The owner or operator of a unit operation or batch process train that is exempt from paragraph (D) of this rule shall notify the director in writing if the uncontrolled total annual mass emissions... 1990 ACT - Control of Volatile Organic Compound Emissions from Process Vents in Batch Operations</td>
</tr>
<tr>
<td>Section</td>
<td>Description</td>
<td>Compliance Status</td>
</tr>
<tr>
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</tr>
<tr>
<td>3745-21-14</td>
<td>(9)(6) shall</td>
<td>Such notification shall include a copy of all records of such event.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(9)(7) shall</td>
<td>Every owner or operator of a batch process train or unit operation required to keep records under this rule shall maintain such records at the facility for a minimum period of five years...</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(9)(7) shall</td>
<td>This rule shall maintain such records at the facility for a minimum period of five years and shall make all such records available to the director upon request.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(2) shall</td>
<td>Each owner or operator of a batch process train or unit operation subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance dates specified in paragraph (f) of this rule as follows...</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(2)(a) shall</td>
<td>The initial compliance status report shall include the results of exemption, process vent determinations, compliance tests, values of monitored parameters established during compliance tests...</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(2)(a) shall</td>
<td>For compliance tests and process vent determinations based on measurements, the initial compliance status report shall include one complete test report for each test method used for a particular kind of process vent.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(2)(a) shall</td>
<td>The first report shall include a brief process description, sampling site description, description of sampling and analysis procedures and any modifications to standard procedures...</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3) shall</td>
<td>For each monitored parameter for which a range is required to be established under paragraph (F)(9) of this rule, the compliance status report shall include the following information:</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3) shall</td>
<td>For a process vent equipped with a control device to meet paragraph (D) of this rule, the semiannual compliance status reports no later than sixty calendar days after the end of each six-month period...</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3) shall</td>
<td>The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3) shall</td>
<td>The first report shall be submitted no later than eight months after the date the initial compliance status report is due and shall cover the six-month period beginning on the date the initial compliance status report is due.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3) shall</td>
<td>The semiannual compliance status reports shall contain the following information:</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3)(a) shall</td>
<td>For a process vent equipped with a control device to meet paragraph (D) of this rule, the semiannual compliance status reports shall include the following recorded information:</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(3)(a) shall</td>
<td>Until the date of first startup of the installed control device, the batch process train or unit operation shall continue to meet either the exemption level or the criteria pertaining to applicability equations.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(4) shall</td>
<td>For any control device that is used to comply with paragraph (D) of this rule, the owner or operator shall demonstrate compliance by testing the control device in accordance with paragraph (F) of this rule within ninety days after the compliance date.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(4) shall</td>
<td>...a batch process train before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the batch process train is subject to this rule.</td>
</tr>
<tr>
<td>3745-21-14</td>
<td>(1)(5) shall</td>
<td>The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (K)(5) of this rule.</td>
</tr>
<tr>
<td>Section</td>
<td>Requirement</td>
<td>Comment</td>
</tr>
<tr>
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<tr>
<td>3745-21-14 (K)(1)</td>
<td>shall provide the information specified in paragraph (K)(5) of this rule.</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-14 (K)(2)</td>
<td>shall provide the information specified in paragraph (K)(5) of this rule.</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-14 (K)(3)</td>
<td>shall provide the information specified in paragraph (K)(5) of this rule.</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-14 (K)(5)(e)(ii)</td>
<td>Such certification shall include all compliance certification requirements under paragraph (I)(2) of this rule.</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-14 (L)(9)</td>
<td>required</td>
<td>Yes</td>
</tr>
<tr>
<td>Section</td>
<td>Requirement</td>
<td>Description</td>
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<tr>
<td>---------</td>
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<tr>
<td>3745-21-14 (K)(5)</td>
<td>required</td>
<td>The notification required in paragraphs (K)(5)(b) to (K)(4) of this rule shall include the following information:</td>
</tr>
<tr>
<td>3745-21-14 (K)(5)</td>
<td>required</td>
<td>An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and certifies compliance.</td>
</tr>
<tr>
<td>3745-21-15 (A)(1)</td>
<td>shall</td>
<td>The owner or operator of the facility shall maintain records of the total gallons of coating, adhesive, cleaning, and washoff materials, including thinners, used each month.</td>
</tr>
<tr>
<td>3745-21-15 (A)(2)(b)</td>
<td>shall</td>
<td>The monthly records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director.</td>
</tr>
<tr>
<td>3745-21-15 (C)</td>
<td>shall</td>
<td>The owner or operator of a wood furniture manufacturing operation at a facility that is subject to this rule shall comply with paragraphs (D) to (N) of this rule.</td>
</tr>
<tr>
<td>3745-21-15 (D)</td>
<td>shall</td>
<td>For any finishing operation, the owner or operator shall meet any one of the following paragraphs.</td>
</tr>
<tr>
<td>3745-21-15 (D)(3)</td>
<td>shall</td>
<td>The VOC content of any sealer shall not exceed 1.9 pounds of VOC per pound of solids, as applied, except for acid-cured alkyd amino sealers.</td>
</tr>
<tr>
<td>3745-21-15 (D)(2)(b)</td>
<td>shall</td>
<td>The VOC content of any acid-cured alkyd amino conversion varnish topcoat shall not exceed 2.0 pounds of VOC per pound of solids, as applied.</td>
</tr>
<tr>
<td>3745-21-15 (D)(2)(a)</td>
<td>shall</td>
<td>The VOC content of any topcoat shall not exceed 1.8 pounds of VOC per pound of solids, as applied, except for acid-cured alkyd amino conversion varnish topcoats.</td>
</tr>
<tr>
<td>3745-21-15 (D)(2)(c)</td>
<td>shall not</td>
<td>The VOC content of any sealer shall not exceed 1.9 pounds of VOC per pound of solids, as applied, except for acid-cured alkyd amino sealers.</td>
</tr>
<tr>
<td>3745-21-15 (D)(2)(d)</td>
<td>shall not</td>
<td>The VOC content of any acid-cured alkyd amino sealer shall not exceed 2.3 pounds of VOC per pound of solids, as applied.</td>
</tr>
<tr>
<td>3745-21-15 (D)(3)</td>
<td>shall</td>
<td>The control efficiency of the thermal or catalytic oxidizer for VOC emissions shall be at least ninety per cent by weight.</td>
</tr>
<tr>
<td>3745-21-15 (D)(4)(a)</td>
<td>shall</td>
<td>Each topcoat employed in any day shall be subject to either a daily VOC emissions limit or a VOC content limit, as specified in paragraphs (D)(4)(a) and (D)(4)(b) of this rule.</td>
</tr>
<tr>
<td>3745-21-15 (D)(4)(a)</td>
<td>shall</td>
<td>The daily actual VOC emissions (E&lt;sub&gt;day&lt;/sub&gt;) shall not exceed the daily VOC emissions limit (L&lt;sub&gt;day&lt;/sub&gt;) in which &quot;E&lt;sub&gt;day&lt;/sub&gt;&quot; and &quot;L&lt;sub&gt;day&lt;/sub&gt;&quot; are calculated for topcoats as follows:</td>
</tr>
<tr>
<td>3745-21-15 (D)(3)</td>
<td>shall</td>
<td>...if the VOC content of topcoat &quot;i&quot; is less than the previously stated emissions limit, then the facility shall use the actual VOC content of topcoat &quot;i&quot; as of May 27, 2005 as the emissions limit for topcoat &quot;i&quot;.</td>
</tr>
<tr>
<td>3745-21-15 (D)(4)(a)</td>
<td>shall</td>
<td>...if the VOC content of topcoat &quot;i&quot; is less than the previously stated emissions limit, then the facility shall use the actual VOC content of topcoat &quot;i&quot; as of August 25, 2008 as the emissions limit for topcoat &quot;i&quot;.</td>
</tr>
</tbody>
</table>
3745‐21‐15 (D)(4)(b) shall not For any topcoat not selected by the owner or operator for inclusion in the daily VOC emissions limit, the VOC content of the topcoat shall not exceed 0.8 pound of VOC per pound of solids. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5) shall Each topcoat and sealer employed in any day shall be subject to either a daily VOC emissions limit or a VOC content limit, as specified in paragraphs (D)(5)(a) and (D)(5)(b) of this rule. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(a) shall not The daily actual VOC emissions (Eday) shall not exceed the daily VOC emissions limit (Lday) in which "Eday" and "Lday" are calculated for finishing materials as follows: 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(a) shall ...the facility shall use the actual VOC content of finishing material "i" as of May 27, 2005 as the emissions limit for finishing material "i". 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(a) shall For any topcoat or sealer not selected by the owner or operator for inclusion in the daily VOC emissions limit, the VOC content limit shall be the following: 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(b)(i) shall not The VOC content of any topcoat shall not exceed 1.8 pounds of VOC per pound of solids, except for acid‐cured alkyl amino conversion varnish topcoats. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(b)(ii) shall not The VOC content of any acid‐cured alkyl amino conversion varnish topcoat shall not exceed 2.0 pound of VOC per pound of solids. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(b)(iii) shall not The VOC content of any sealer shall not exceed 1.9 pounds of VOC per pound of solids, except for acid‐cured alkyl amino sealers. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (D)(5)(b)(iv) shall not The VOC content of any acid‐cured alkyl amino sealer shall not exceed 2.3 pounds of VOC per pound of solids. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (E) shall not The VOC content of any strippable spray booth material employed for wood furniture manufacturing operations shall not exceed 0.8 pound of VOC per pound of solids, as applied. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (F) shall The owner or operator of a facility subject to this rule shall prepare and maintain a written work practice implementation plan that defines environmentally desirable work practices... 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (G)(1) shall Except where otherwise specified within this rule, any owner or operator of a facility that is subject to this rule shall comply with this rule by no later than the following dates: 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (G)(2) shall For a VOC emission control system that is used for a finishing operation to comply with paragraph (D)(3), (D)(4)(a), or (D)(5) of this rule, the owner or operator shall demonstrate the overall control efficiency of the VOC emission control system... 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (H)(1) shall For any terms pertaining to the work practices that are not defined under paragraph (B) of this rule, the definitions under 40 CFR 63.801 shall be the used. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (H)(1)(a) shall The temperature monitoring device shall be developed no more than sixty days after the compliance date. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (H)(2) shall For a VOC emission control system that is used for stripping spray booth material employed for wood furniture manufacturing operations shall not exceed 0.8 pound of VOC per pound of solids, as applied. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No

3745‐21‐15 (H)(3) shall Where a thermal incinerator is used, the temperature monitoring device shall be located in the firebox or in the duct immediately downstream of the firebox in a position before any substantial heat exchange occurs. 3704.03(E) Fed 1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations Yes Yes No
Temperature monitoring devices shall be installed in the gas stream immediately before (upstream) and after (downstream) the catalyst bed. 

For any regenerative carbon adsorber used to comply with paragraph (D) of this rule, the owner or operator shall install, calibrate, maintain, and operate according to manufacturer's specifications the following monitoring devices:

- An integrative regeneration steam flow monitoring device, having an accuracy of plus or minus ten per cent or better, shall be employed for recording the total regeneration steam mass or volumetric flow for each regeneration cycle.

- A carbon bed temperature monitoring device shall be employed for recording the carbon bed temperature after each regeneration and within fifteen minutes of completing any cooling cycle.

- For any concentrator, such as a zeolite wheel or rotary carbon bed concentrator, used to comply with paragraph (D) of this rule, the owner or operator shall install, calibrate, maintain, and operate, according to manufacturer's specifications, an organic monitoring device equipped with a continuous recorder for measuring the concentration level at the outlet of the control device.

The flow control position indicator shall be installed at the entrance to any bypass line that could divert the emissions away from the control device to the atmosphere. The owner or operator shall secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. The owner or operator shall inspect the monitoring system at least once every month to verify that the valve is maintained in the non-diverting position. Each time the flow direction changes, the next reading of the time of occurrence and flow direction shall be recorded.
shall be installed in each bypass line or air makeup supply line that could divert the VOC emissions away from the control device to the atmosphere.

shall be submitted in accordance with paragraph (H)(10) of this rule.

shall be submitted in accordance with paragraph (H)(10) of this rule.

shall be submitted within an application for a permit or modification of a permit.

shall be submitted in accordance with paragraph (H)(10) of this rule.

shall be submitted in accordance with paragraph (H)(10) of this rule.

shall be submitted to USEPA for approval as a revision of the state implementation plan.

shall not operate any capture or control device within the VOC emission control system...

shall inspect the VOC emission control system and monitoring equipment to assure that the VOC emission control system is operating properly, and that no leaks or malfunctions have occurred or are occurring.

shall be determined in accordance with ASTM D1979-97, D5910-12, D6191-97(2000), or D6602-04(2011).

shall be determined by multiplying the amount of styrene monomer in the finishing material, when applied, by a factor of 0.16.

shall be determined by multiplying the amount of styrene monomer in the finishing material, when applied, by a factor of 0.16. For a finishing material containing formaldehyde, the VOC content and VOC emissions associated with formaldehyde shall be determined in accordance with ASTM D1979-97, D5910-12, D6191-97(2000), or D6602-04(2011). Provided that any data based on a measurement method shall be a measurement method that meets paragraph (I) of this rule. The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by one of the following procedures:

A certified product data sheet that provides data on VOC content and solids content shall be used by the owner or operator provided that any data based on a measurement method shall be a measurement method that meets paragraph (I) of this rule.

A certified product data sheet that provides data on VOC content and solids content shall be used by the owner or operator provided that any data based on a measurement method shall be a measurement method that meets paragraph (I) of this rule.
The as-applied VOC content of a finishing material that is applied by a continuous coater shall be determined by the VOC content of the finishing material in the reservoir...

In order to use this procedure, the owner or operator shall provide data that demonstrates the correlation between viscosity of the finishing material...

The as-applied VOC content of a finishing material that is applied by a dipping coater shall be determined by a rolling thirty-day average of the VOC content...

The rolling thirty-day average VOC content (C30), expressed in pounds of VOC per pound of solids, as applied, shall be calculated for each day of operation of the dipping coater as follows:

For a VOC emission control system used to comply with paragraph (D) of this rule, the owner or operator shall conduct an initial compliance test to determine the capture efficiency of the capture system...

If problems are found during the catalytic activity test, the owner or operator shall replace the catalyst bed or take other corrective action...

If problems are found during the annual internal inspection of the catalyst, the owner or operator shall replace the catalyst bed or take other corrective action...

The following records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours:

The following records shall be retained by the owner or operator for a period of not less than five years and shall be made available to the director or any authorized representative of the director for review during normal business hours:

For any finishing operation subject to paragraph (E) of this rule, the owner or operator shall maintain the following records:
For any capture system bypass line that could divert flow (i.e., VOC emissions) away from the control device to the atmosphere, the owner or operator shall maintain the following monitoring records, whichever is applicable:

- Compound Emissions from Wood Furniture Manufacturing Operations: Yes
- Yes
- No

The owner or operator of a wood furniture manufacturing operation subject to this rule shall submit an initial compliance status report within sixty calendar days after the compliance date specified in paragraph (G) of this rule if:

- 3745-21-15 (L)(2) shall
- 3704.03(E) Fed

The owner or operator shall state in the initial compliance status report one of paragraphs (D)(1) to (D)(5) of this rule is elected to be met.

- 3745-21-15 (L)(2)(a) shall
- 3704.03(E) Fed

...the owner or operator shall state in the initial compliance status report which one of paragraphs (D)(1) to (D)(5) of this rule is elected to be met.

- 3745-21-15 (L)(2)(b) shall
- 3704.03(E) Fed

...the owner or operator shall state in the initial compliance status report that the work practice implementation plan has been developed and that procedures have been established for implementing the provisions of the plan.

- 3745-21-15 (L)(2)(c) shall
- 3704.03(E) Fed

...the owner or operator shall state the following in the initial compliance status report, as applicable:

  - Submit the following in the initial compliance status report:
    - A complete test report shall include a brief process description, sampling site description, description of sampling and analysis procedures...
    - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
    - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
    - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
    - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
- 3745-21-15 (L)(2)(d) shall
- 3704.03(E) Fed

...the owner or operator shall submit the following in the initial compliance status report:

- 3745-21-15 (L)(2)(d)(iv) shall
- 3704.03(E) Fed

...the owner or operator shall submit the following in the initial compliance status report:

- ...the owner or operator shall submit in the initial compliance status report that compliant coatings for topcoats and sealers, as applicable, are being used.
- 3745-21-15 (L)(2)(f) shall
- 3704.03(E) Fed

...the owner or operator shall submit in the initial compliance status report that compliant coatings for strippable spray booth materials are being used.

- 3745-21-15 (L)(2)(g) shall
- 3704.03(E) Fed

...the owner or operator shall submit in the initial compliance status report that the work practice implementation plan has been developed and that procedures have been established for implementing the provisions of the plan.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

The owner or operator of a wood furniture manufacturing operation subject to this rule shall submit semiannual compliance status reports no later than thirty calendar days...

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the first report shall be submitted no later than thirty calendar days after the end of the first six-month period following the compliance date.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

Subsequent reports shall be submitted no later than thirty calendar days after the end of each six-month period following the first report.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

For each semiannual compliance status report, the owner or operator shall submit the following information for the six-month period covered by the report:

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall state in the semiannual compliance status report any changes to the previous reporting of which one of paragraphs (D)(1) to (D)(5) of this rule is elected to be met.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall submit data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the finishing material in the reservoir.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall submit data that demonstrates the correlation between the viscosity of the finishing material and the VOC content of the reservoir.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall submit with the semiannual compliance status report, the following compliance certifications, where applicable:

  - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
  - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
  - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
  - Paragraphs (L)(2)(d)(ii) to (L)(2)(d)(iv) of this rule.
- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period.

- 3745-21-15 (L)(3) shall
- 3704.03(E) Fed

...the owner or operator shall state that compliant coatings for topcoats and sealers, as applicable, have been used each operating day in the semiannual reporting period.
<table>
<thead>
<tr>
<th>Rule Reference</th>
<th>Text</th>
<th>Compliance Status</th>
</tr>
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<tbody>
<tr>
<td>3745-21-15</td>
<td>3745-21-15 (L)(3)(e)(i) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (L)(3)(e)(ii) shall</td>
<td>Yes</td>
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<td>3745-21-15</td>
<td>3745-21-15 (L)(3)(e)(vii) shall</td>
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<td>3745-21-15 (L)(3)(e)(xv) shall</td>
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<td>Yes</td>
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<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(e) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(f) shall</td>
<td>Yes</td>
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<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(g) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(h) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(i) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(j) shall</td>
<td>Yes</td>
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<tr>
<td>3745-21-15</td>
<td>3745-21-15 (M)(2)(k) shall</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Note:** The compliance certification shall state that compliant coatings, as determined by paragraph (I)(5)(a) of this rule, shall state the following, whichever is applicable.
shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

shall provide the information specified in paragraph (N)(5) of this rule.

shall provide the information specified in paragraph (N)(5) of this rule.

shall be submitted not later than the date of initial startup of the facility or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

shall provide the information specified in paragraph (N)(5) of this rule.

The notification, which shall be submitted not later than August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

The notification, which shall be submitted not later than October 24, 2008, shall provide the information specified in paragraph (N)(5) of this rule.

The notification, which shall be submitted not later than December 20, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

The notification, which shall be submitted not later than the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

The notification, which shall be submitted not later than the date of initial startup of the facility or October 24, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

The notification required in paragraphs (N)(3) to (N)(4) of this rule shall include the following information:

...an initial startup of wood furniture manufacturing operations before May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (N)(5) of this rule.

...an initial startup of wood furniture manufacturing operations on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

...an initial startup of wood furniture manufacturing operations on or after May 27, 2005 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

...an initial startup of wood furniture manufacturing operations before August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

...an initial startup of wood furniture manufacturing operations on or after August 25, 2008 shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

The notification, which shall be submitted not later than either the date of initial startup of the facility or July 26, 2005 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the facility or August 25, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

The notification, which shall be submitted not later than either the date of initial startup of the facility or August 25, 2008 (whichever is later), shall provide the information specified in paragraph (N)(5) of this rule.

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<table>
<thead>
<tr>
<th>Code</th>
<th>Requirement</th>
<th>Description</th>
<th>Source</th>
<th>Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-15</td>
<td>(I)(5) required</td>
<td>Determination of required overall control efficiency for controlled topcoats and sealers.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(I)(5) required</td>
<td>For a VOC emission control system that is used to comply with paragraph (D)(3) of this rule, the overall reduction of VOC emissions, that is, the required overall control efficiency (RI).</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(I)(2) required</td>
<td>...the owner or operator shall establish the operating limits (operating parameter values) for the monitoring devices required under paragraph (H) of this rule as follows:</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(K)(2)(f) required</td>
<td>...then a new compliance test to determine the control efficiency of the catalytic oxidizer is not required and the previously established operating limits for that catalytic oxidizer may be used.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(K)(4)(a) required</td>
<td>Records demonstrating that the operator training program required by 40 CFR 63.803(b) is in place.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(K)(4)(b) required</td>
<td>Records collected in accordance with the inspection and maintenance plan required by 40 CFR 63.803(c).</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(K)(4)(c) required</td>
<td>Records associated with the cleaning solvent accounting system required by 40 CFR 63.803(d).</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(K)(4)(d) required</td>
<td>...the percentage of finishing materials applied with conventional air spray guns for each semiannual period as required by 40 CFR 63.803(h).</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(L)(2)(d)(i) required</td>
<td>A record indicating that a monthly inspection of the monitoring device, if required under this rule, has been done.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(L)(2)(d)(iv) required</td>
<td>...raw data sheets for field and laboratory analyses, documentation of calculations, and any other information required by the test method.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(L)(3)(c) required</td>
<td>...for any VOC emission control system employed to meet paragraph (D)(3), (D)(4)(a), or (D)(5)(a) of this rule, any changes to monitoring devices previously reported and required under paragraph (H) of this rule.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(N)(5) required</td>
<td>The notification required in paragraphs (N)(1) to (N)(4) of this rule shall include the following information:</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-15</td>
<td>(N)(5)(ii) required</td>
<td>An application for an operating permit or permit-to-install and operate is not required provided the subject process is operating under an effective permit and complies.</td>
<td>3704.03(E) Fed</td>
<td>1996 CTG - Control of Volatile Organic Compound Emissions from Wood Furniture Manufacturing Operations</td>
<td>Yes Yes No</td>
</tr>
<tr>
<td>3745-21-10: AppA 1.2 shall</td>
<td>For those systems equipped with a P/V valve(s) allowed to have a designed cracking pressure less than 2.5 inches H2O, the valve(s) shall be bagged to eliminate, from the test results, any flow contribution through the valve assembly.</td>
<td>3704.03(E) Fed</td>
<td>CAA 182</td>
<td>Yes Yes No</td>
<td></td>
</tr>
<tr>
<td>3745-21-10: AppA 1.2 shall</td>
<td>The valve/vent pipe connection, however, shall remain unobstructed during this test.</td>
<td>3704.03(E) Fed</td>
<td>CAA 182</td>
<td>Yes Yes No</td>
<td></td>
</tr>
<tr>
<td>3745-21-10: AppA 1.3 shall</td>
<td>For those facilities not required to be equipped with a P/V valve(s), the vent pipe(s) shall be capped.</td>
<td>3704.03(E) Fed</td>
<td>CAA 182</td>
<td>Yes Yes No</td>
<td></td>
</tr>
<tr>
<td>3745-21-10: AppA 2.1 shall</td>
<td>For the purpose of compliance determination, this test shall be conducted after all back-filling, paving, and installation of all Stage I and Stage II components...</td>
<td>3704.03(E) Fed</td>
<td>CAA 182</td>
<td>Yes Yes No</td>
<td></td>
</tr>
<tr>
<td>3745-21-10: AppA 2.2 shall</td>
<td>For a GDF equipped with a coaxial Stage I system this test shall be conducted at a Stage II vapor riser.</td>
<td>3704.03(E) Fed</td>
<td>CAA 182</td>
<td>Yes Yes No</td>
<td></td>
</tr>
</tbody>
</table>
For a GDF which utilizes a two-point Stage I system this test shall be conducted at the Stage I vapor coupler, provided that the criteria set forth in Section 6.7 have been met.

If the integrity criteria for two-point systems specified in Section 6.7 are met, this test shall be conducted at the Stage I vapor coupler unless the vapor control system... 3704.03(E) Fed CAA 182 Yes Yes No

If mechanical pressure gauges are employed, the full-scale range of the pressure gauges shall be 0-2.0, 0-1.0, and 0-0.50 inches H2O column. 3704.03(E) Fed CAA 182 Yes Yes No

Maximum incremental graduations of the pressure gauge shall be 0.05 inches H2O and the minimum accuracy of the gauge shall be three percent of full scale. 3704.03(E) Fed CAA 182 Yes Yes No

The minimum diameter of the pressure gauge face shall be 4 inches. 3704.03(E) Fed CAA 182 Yes Yes No

If an electronic pressure measuring device is used, the full-scale range of the device shall not exceed 0-10 inches H2O with a minimum accuracy of 0.5 percent of fullscale. 3704.03(E) Fed CAA 182 Yes Yes No

The minimum ullage during the test shall be 25 percent of the tank capacity (total of all tanks if manifolded) or 500 gallons, whichever is greater. 3704.03(E) Fed CAA 182 Yes Yes No

Maximum incremental graduations of the pressure gauge shall be 0.05 inches H2O and the minimum accuracy of the gauge shall be three percent of full scale. 3704.03(E) Fed CAA 182 Yes Yes No

The maximum total ullage shall be 25,000 gallons. 3704.03(E) Fed CAA 182 Yes Yes No

The minimum and maximum nitrogen feed-rates, into the system, shall be one (1) and five (5) CFM, respectively. 3704.03(E) Fed CAA 182 Yes Yes No

Nitrogen shall not be introduced into the system at flowrates exceeding five (5) CFM as this may bias the results of the test toward non-compliance. 3704.03(E) Fed CAA 182 Yes Yes No

For vacuum-assist Stage II systems which utilize an incinerator, power to the collection unit shall be turned off during testing. 3704.03(E) Fed CAA 182 Yes Yes No

For vacuum-assist systems which locate the vacuum producing device in-line, between the Stage II vapor riser and the storage tank, the following shall apply: 3704.03(E) Fed CAA 182 Yes Yes No

A valve shall be installed at the vacuum producing device. When closed, this valve shall isolate the vapor passage downstream of the vacuum producing device. 3704.03(E) Fed CAA 182 Yes Yes No

The storage tank side of the vacuum producing device shall be tested in accordance with the procedures outlined in Section 7 of this method. 3704.03(E) Fed CAA 182 Yes Yes No

Compliance shall be determined by comparing the final five-minute pressure with the allowable minimum five-minute final pressure from the first column... 3704.03(E) Fed CAA 182 Yes Yes No

Test results or shall be conducted in accordance with the procedures set forth in the applicable CARB Executive Order. 3704.03(E) Fed CAA 182 Yes Yes No

The upstream vapor passage (nozzle to vacuum producing device) shall also be tested. 3704.03(E) Fed CAA 182 Yes Yes No

Methodology for this test shall be submitted to the Ohio EPA, Division of Air Pollution Control for approval prior to submission of test results... 3704.03(E) Fed CAA 182 Yes Yes No

The internal volume of this assembly shall not exceed 0.1 cubic feet. 3704.03(E) Fed CAA 182 Yes Yes No

This pressure shall be set such that the nitrogen flowrate is between 1.0 and 5.0 CFM. 3704.03(E) Fed CAA 182 Yes Yes No

The following safety precautions shall be followed: 3704.03(E) Fed CAA 182 Yes Yes No

Only grounded nitrogen shall be used to pressurize the system. 3704.03(E) Fed CAA 182 Yes Yes No

A pig relief valve shall be installed to prevent the possible overpressurizing of the storage tank. 3704.03(E) Fed CAA 182 Yes Yes No

Product dispensing shall not occur during the test. 3704.03(E) Fed CAA 182 Yes Yes No

There shall have been no Stage I deliveries into or out of the storage tanks within the three hours prior to the test. 3704.03(E) Fed CAA 182 Yes Yes No

For vacuum-assist Stage II systems, product dispensing shall not occur during the thirty minutes immediately prior to the test. 3704.03(E) Fed CAA 182 Yes Yes No

The minimum ullage during the test shall be 25 percent of the tank capacity (total of all tanks if manifolded) or 500 gallons, whichever is greater. 3704.03(E) Fed CAA 182 Yes Yes No
AppA 6.3 shall not The total ullage shall not exceed 25,000 gallons.

AppA 6.4 shall For two-point Stage I systems, this test shall be conducted with the dust cap removed from the vapor coupler.

AppA 6.4.1 shall For coasial Stage I systems this test shall be conducted with the dust cap removed from the Stage I coupler.

AppA 6.5 shall This test shall, however, be conducted with the drain valve installed and the manhole cover removed.

AppA 6.6.1 shall For those Stage II systems utilizing a dispenser mounted remote vapor check valve, the "T" connector assembly shall be installed on the vapor riser side of the check valve.

AppA 6.7 shall If this test is to be conducted at the Stage I vapor coupler on a two-point Stage I system, the procedures set forth in subsections 6.7.1 and 6.7.2 shall be successfully completed prior to testing.

AppA 6.7 shall not The static leak test shall not be conducted at the Stage I coupler at facilities equipped with coasial Stage I systems.

AppA 6.8 shall All pressure measuring device(s) shall be bench calibrated using either a reference gauge or incline manometer.

AppA 6.8.1 shall Calibration shall be performed at 20, 50, and 80 percent of full scale.

AppA 6.8.2 shall Accuracy shall be within two percent at each of these calibration points.

AppA 6.8.3 shall Calibrations shall be conducted on a frequency not to exceed 90 days.

AppA 7.4.1 shall If the facility complies with the static leak test standards under these conditions, the facility shall be considered complying with the requirements.

AppA 7.4.1.2 shall not The criteria set forth in subsection 7.4.1.1 shall not apply after July 1, 1996.

AppA 9.1 shall For Stage II Balance Systems, the minimum allowable five-minute final pressure, with an initial pressure of two (2.0) inches H2O, shall be calculated as follows:

AppA 9.2 shall For Stage II Vacuum Assist Systems, the minimum allowable five-minute final pressure, with an initial pressure of two (2.0) inches H2O, shall be calculated as follows:

AppA 10.1 shall Table IA Note shall For manifolded Stage II Balance Systems, the "Number of Affected Nozzles" shall be the total of all gasoline nozzles.

AppA 10.2 shall Table IA Note shall For dedicated return configurations, the "Number of Affected Nozzles" shall be the total of those nozzles served by the tank being tested.

AppA 10.3 shall Table IB Note shall For manifolded Stage II Assist Systems, the "Number of Affected Nozzles" shall be the total of all gasoline nozzles.

AppA 10.4 shall Table IB Note shall For dedicated return configurations, the "Number of Affected Nozzles" shall be the total of those nozzles served by the tank being tested.

AppA 5.1 required A one psig (maximum) pressure relief valve is required and must be present.

AppA 5.7 required Use a Dwyer flowmeter, Model RMC-104, or equivalent, to determine the required pressure setting of the delivery pressure gauge on the nitrogen supply pressure regulator.

AppA 6.10 required Use Equation 9.3 to calculate the approximate time required to pressurize the system ullage to the initial starting pressure of two (2.0) inches H2O.

AppA 7.1.1 required If the time required to achieve the initial pressure of two (2.0) inches H2O exceeds twice the time derived from Equation 9.3, stop the test.

AppA 9.1 required The minimum time required to pressure the system ullage to two (2.0) inches H2O shall be calculated as follows:
If the policy of the local district requires an allowable tolerance for testing error, the minimum allowable five-minute final pressure, including testing error, shall be calculated as follows:

37.45-21-10-AppA 9.4 requires If the policy of the local district requires an allowable tolerance for testing error, the minimum allowable five-minute final pressure, including testing error, shall be calculated as follows: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppA 5.1 must A one psig (maximum) pressure relief valve is required and must be present. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 6.1 must In addition, the cylinder of nitrogen must be grounded. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 1.4 shall This procedure shall be conducted, in conjunction with the applicable of Alternate Methods 1, 2, or 3 if the Stage II system utilizes an incinerator. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 1.2 shall Alternate Methods 1 and 2 shall be conducted with the Stage I vapor poppet open. Alternate Methods 3 and 4 shall be conducted with the poppet closed. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 1.2 shall Alternate Methods 1 and 2 shall be conducted with the Stage I vapor poppet open. Alternate Methods 3 and 4 shall be conducted with the poppet closed. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.3 shall Other Alternate Methods may be used provided that written approval has been granted by the Ohio EPA, Division of Air Pollution Control. Such approval shall be based upon demonstrated equivalency of any proposed methodology. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.2 shall If mechanical pressure gauges are employed, the minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.2 shall If mechanical pressure gauges are employed, the minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.3 shall If an electronic pressure measuring device is used, the full-scale range of the device shall not exceed 0-10 inches H2O with a minimum accuracy of 0.5 percent of full scale. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.3 shall If an electronic pressure measuring device is used, the full-scale range of the device shall not exceed 0-10 inches H2O with a minimum accuracy of 0.5 percent of full scale. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 4.2 shall For those Stage II systems possessing a design incompatible with this test procedure, testing shall be conducted in accordance with the procedures specified in the applicable CARB Executive Order. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 6.1 shall If a Hirt Stage II system is used, the vacuum producing device shall be turned off during this test. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 6.1.3 shall All leak sources shall be repaired or the component(s) removed and replaced prior to testing. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 6.1.4 shall The Stage I vapor poppet shall be propped open in such a manner that the valve is not damaged. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 6.3.2 shall The Stage I vapor poppet shall remain closed during this test. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.1.4 shall The following information shall be recorded on the field data sheet, as shown in Form 1: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.2 shall Those Stage II systems subject to regulatory limitations on the dynamic back pressure between the Stage II riser and gasoline storage tank shall be tested using this methodology. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.2.5 shall The following information shall be recorded on the field data sheet, as shown in Form 2: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.3 shall ...the dynamic back pressure at the nozzle/fillpipe interface during gasoline dispensing shall use the following methodology. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.4.4 shall The following data shall be recorded on the field data sheet as shown in Form 3: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.3.5 shall This Alternate Method shall only be conducted with the Stage I vapor poppet closed, since gasoline is being dispensed during the test. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.4 shall Those Stage II systems which utilize an incinerator shall conduct this test in conjunction with the applicable of Alternate Method 1, 2, or 3. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.4.8 shall A dynamic back pressure, from the top of the vent pipe to the storage tank, of less than 0.5 inches H2O shall be considered acceptable. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 8.1 shall Results of the dynamic back pressure test shall be reported as shown below: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 3.1 required Required gauge ranges are as follows: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.1.2 required Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.1.5 required Repeat subsections 7.1.2 through 7.1.4 at all required nitrogen flowrates for each and every nozzle. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.2.3 required Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 7.2.6 required Repeat subsections 7.2.3 through 7.2.5 at all required nitrogen flowrates for each and every riser. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 4.1 specified Required gauge ranges are as follows: 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 4.2 specified Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates. 3704.03(E) Fed CAA 182  Yes Yes No

37.45-21-10-AppB 4.3 specified Open the nitrogen supply, set the delivery pressure to 5 psig, and use the flowmeter control valve to adjust the flowrate to lowest of the required nitrogen flowrates. 3704.03(E) Fed CAA 182  Yes Yes No
3745-21-10-408
5.1 must The nitrogen cylinder must be grounded and the one psig (maximum) relief valve must be present during the test.

3745-21-10-408
5.1 must The nitrogen cylinder must be grounded and the one psig (maximum) relief valve must be present during the test.

3745-21-10-408
6.1 must The test equipment must be leak checked prior to use.

3745-21-10-408
7.1.3 must If this condition re-occurs, the cause of the liquid trap in the system must be corrected.

3745-21-10-408
7.2.4 must If this occurs, the cause of the liquid trap must be corrected.

3746-21-16 (A)(1) shall Except as otherwise provided in paragraphs (A)(4) and (A)(5) of this rule, paragraph (C) of this rule shall apply to any facility that generates process wastewater from an affected industrial category and meets either paragraphs...

3746-21-16 (A)(2) shall Except as otherwise provided under paragraph (C)(2) of this rule, the owner or operator of an affected industrial category at a facility that meets the applicability criteria of paragraph (A) of this rule shall comply with paragraphs (D) to (L) of this rule.

3746-21-16 (C)(2) shall The following exemptions shall apply:

3746-21-16 (C)(2)(c) shall Such approval shall occur when the Ohio EPA is informed, in writing, that USEPA has no objections to this exemption.

3746-21-16 (D)(1) shall The owner or operator of a facility with an affected industrial category shall comply with the following control requirements.

3746-21-16 (D)(2) shall Any waste management unit that receives, manages, or treats an affected VOC wastewater stream or affected residual shall be controlled in accordance with paragraph...

3746-21-16 (D)(3)(a) shall The owner or operator shall equip each drain system in the drill system...

3746-21-16 (D)(3)(a)(ii) shall The control device shall be designed and operated to reduce the affected VOC vented to it by at least ninety per cent by weight.

3746-21-16 (D)(3)(a)(ii) shall The individual drain system shall be designed and operated to segregate the vapors within the system from other drain systems and the atmosphere.

3746-21-16 (D)(3)(b) shall The owner or operator shall comply with the following:

3746-21-16 (D)(3)(b)(ii) shall Each drain shall be equipped with water seal controls or a tightly fitting cap or plug.
Each junction box shall be equipped with a tightly fitting solid cover (i.e., no visible gaps, cracks, or holes) which shall be kept in place at all times except during inspection and maintenance.

Each junction box shall be vented to a process or through a closed vent system to a control device...

The vent pipe shall be at least ninety centimeters in length and no greater than 10.2 centimeters in nominal inside diameter.

If the junction box is vented, the owner or operator shall comply with one of the following:

The junction box shall be vented to a process or through a closed vent system to a control device...

If the junction box is vented, the owner or operator shall comply with one of the following:

For each surface impoundment that receives, manages, or treats an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:

The surface impoundment shall be equipped with a cover (e.g., air-supported structure or rigid cover) and a closed-vent system which routes the VOC vapors vented from the surface impoundment...

Each opening (e.g., access hatch, sampling port, and gauge well) shall be maintained in a closed position (e.g., covered by a lid) at all times that an affected VOC wastewater stream...

The control device shall be designed and operated to reduce the affected VOC vented to it by at least ninety per cent by weight.

The flexible membrane cover shall be fabricated from a synthetic membrane material that is either a high density polyethylene with a thickness no less than 2.5 millimeters...

The flexible membrane cover shall be equipped with a floating flexible membrane cover that meets the following:

The surface impoundment shall be equipped with a floating flexible membrane cover that meets the following:

Except as provided for in paragraph (D)(4)(b)(iv) of this rule, each opening in the flexible membrane cover shall be equipped with a closure device designed to operate...

The control device shall be designed and operated to reduce the affected VOC vented to it by at least ninety per cent by weight.
Whenever an affected VOC wastewater stream or an affected residual is in the surface impoundment, the flexible membrane cover shall float on the liquid and each closure device shall be secured in the closed position. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The oil-water separator shall be equipped with a floating roof that has a closure device between the floating roof and the wall of the separator. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The owner or operator shall operate and maintain a fixed roof, closed vent system, and control device that meets paragraph (D)(5)(a) of this rule. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The control device shall consist of a primary seal and a secondary seal. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The secondary seal shall be above the floating roof and cover the annular space between the floating roof and the wall of the separator. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The floating roof shall be floating on the liquid (i.e., off the roof supports) at all times except during abnormal conditions (i.e., low flow rate). [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

Except as provided for in paragraph (D)(5)(b)(iv) of this rule, each opening in the floating roof shall be equipped with a gasketed cover. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The floating roof shall be floating on the liquid (i.e., off the roof supports) at all times except during inspection and maintenance. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

Each emergency cover drain shall be equipped with a slotted membrane fabric cover that covers at least ninety per cent of the area of the opening or a flexible fabric sleeve seal. [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

If the owner or operator shall operate and maintain a cover on the portable container and shall comply with the following: [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

If the owner or operator shall operate and maintain a cover on the portable container and shall comply with the following: [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The cover shall remain in place and all openings (e.g., bungs, hatches, sampling ports, and pressure relief devices) shall be maintained in a closed position (e.g., covered by a lid) at all times... [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No

The cover shall remain in place and all openings (e.g., bungs, hatches, sampling ports, and pressure relief devices) shall be maintained in a closed position (e.g., covered by a lid) at all times... [3704.03(f)] Fed 1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater. Yes No Yes No
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Code</th>
<th>Standard</th>
<th>Status 1</th>
<th>Status 2</th>
<th>Status 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-16</td>
<td>(D)(6)(b)</td>
<td>For portable containers with a capacity greater than or equal to one hundred ten gallons, a submerged fill pipe shall be used when a container is being filled by pumping.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(6)(b)</td>
<td>The submerged fill pipe outlet shall extend to no more than six inches or within two fill pipe diameters...</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(6)(c)</td>
<td>...the container shall be located within an enclosure with a closed-vent system that routes the VOC vapors vented from the container to a control device.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)</td>
<td>The control device shall be designed and operated to reduce the VOC vented to it by at least ninety per cent by weight.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(a)</td>
<td>For each wastewater tank that receives, manages, or treats an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with either of the following:</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(a)</td>
<td>The owner shall operate and maintain a fixed roof for the wastewater tank, except a wastewater tank that meets any of the following conditions:</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)</td>
<td>The owner of a wastewater tank shall comply with either of the following:</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(i)</td>
<td>Each opening in the fixed roof (e.g., access hatches, sampling ports, and gauge wells) shall be maintained in a closed position...</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(ii)</td>
<td>(a) When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(ii)</td>
<td>(b) The closure device shall consist of a liquid-mounted seal, or a metallic shoe seal, or two seals mounted...</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)</td>
<td>(c) The lower seal may be vapor-mounted, but both shall be continuous seals.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
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<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)</td>
<td>(d) Each penetration of the internal floating roof for the purposes of sampling shall be a sample well.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
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<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)</td>
<td>(e) Each sample well shall have a slit fabric cover that covers at least ninety per cent of the opening.</td>
<td>3704.03(h)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
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<tr>
<td>Code</td>
<td>Text</td>
<td>Fed Rule</td>
<td>ACT 1994</td>
<td>Description</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(iv) shall Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
<td></td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(v) shall Each cover or lid on any opening in the internal floating roof shall be closed (i.e., no visible gaps), except when the cover or lid shall be open for access.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(vi) shall Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(vii) shall Each cover or lid on any opening in the internal floating roof shall be closed (i.e., no visible gaps), except when the cover or lid shall be open for access.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(viii) shall Each unslotted guide pole well shall have a gasketed sliding cover or a flexible fabric sleeve seal.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
<td></td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(ix) shall Each unslotted guide pole shall have on the end of the pole a gasketed cap which is closed at all times except when gauging the liquid level or taking liquid samples.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(x) shall Each slotted guide pole well shall have a gasketed sliding cover or a flexible fabric sleeve seal.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
<td></td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(xi) shall Each slotted guide pole shall have a gasketed float or other device which closes off the liquid surface from the atmosphere.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<tr>
<td>3745‐21‐16</td>
<td>(D)(7)(b)(xii) shall Each gauge hatch/sample well shall have a gasketed cover which is closed at all times except when the hatch or well shall be open for access.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
<td>Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
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<td>(D)(7)(b)(xiii) shall Each gauge hatch/sample well shall have a gasketed cover which is closed at all times except when the hatch or well shall be open for access.</td>
<td>3704.O3(I) Fed Rule</td>
<td>ACT 1994</td>
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<tr>
<td>Rule</td>
<td>Text</td>
<td>Citation</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)(n) shall</td>
<td>The external floating roof shall be floating on the liquid surface at all times except when the floating roof shall be supported by the leg supports during the following periods:</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)(o) shall</td>
<td>The external floating roof shall be floating on the liquid surface at all times except when the floating roof shall be supported by the leg supports during the following periods:</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)(p) shall</td>
<td>When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(7)(b)(iii)(q) shall</td>
<td>When the floating roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as soon as practical.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(8) shall</td>
<td>For each treatment process managing an affected VOC wastewater stream or an affected residual, the owner or operator shall comply with paragraphs (D)(8)(a) to (D)(8)(g) of this rule.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(a) shall</td>
<td>Each treatment process shall meet the applicable requirements of paragraphs (D)(3) to (D)(7) of this rule.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(b) shall</td>
<td>Gases vented from a treatment process shall be routed by means of a closed vent system to a control device which is designed and operated to reduce...</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(c) shall</td>
<td>...the owner or operator shall, by removal or destruction, reduce the mass flow rate of affected VOC by ninety per cent or more while reducing the affected VOC...</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(d) shall</td>
<td>Dilution shall not be used to achieve compliance with this paragraph.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(e) shall</td>
<td>The owner or operator shall operate and maintain a steam stripper that meets all of the following:</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(f)(ii) shall</td>
<td>The owner or operator shall comply with all applicable requirements of this subpart prior to the point where the wastewater enters the underground portion of the injection well.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(D)(9)(g) shall</td>
<td>For each affected residual, the owner or operator shall control for air emissions by complying with paragraphs (D)(3) to (D)(7) of this rule and by complying with one of the following:</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(E) shall</td>
<td>Such approval shall occur when the Ohio EPA is informed, in writing, that USEPA has no objections to the alternate method of control.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(E)(1)(a) shall</td>
<td>At a minimum, the control plan shall include the applicable emissions unit identification; the throughput of wastewater from affected industrial categories...</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(E)(1)(b) shall</td>
<td>The VOC emission rates shall be calculated in a manner consistent with the calendar year baseline emissions inventory.</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(E)(1)(c) shall</td>
<td>At a minimum, the report shall include the PN, the emissions unit identification; the throughput of wastewater from affected industrial categories...</td>
<td>3704.03(i)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
</tbody>
</table>
The emission rates for the preceding calendar year shall be calculated in a manner consistent with the calendar year baseline emissions inventory.

3745-21-16 (E)(1)(b) shall be unlawful for any person to vary from such representations if the variation will cause a change in the identity of the specific emission source.

All control plans and reports shall include documentation that the overall reduction of VOC emissions at the account from wastewater from affected source categories...

The emission rates shall be calculated in a manner consistent with the calendar year baseline emissions inventory.

For affected VOC not specifically listed in table 9 of 40 CFR part 63, subpart G the corresponding fraction removed (Fr) value shall be determined by one of the following:

The owner or operator of a waste management unit that is subject to paragraph (D) or (E) of this rule shall comply with the following inspection and monitoring requirements.

The secondary seal shall be measured for seal gaps initially, annually, and after repair, as determined under paragraph (I) of rule 3745-21-10 of the Administrative Code.

The accumulated area of gaps that exceed one-eighth inch (0.32 cm) in width between the secondary seal and tank wall shall be no greater than 1.0 square inch per foot (twenty-one square centimeters per meter) of tank diameter.

If the seal gap requirement of paragraph (F)(3)(b) of this rule is not being met, the secondary seal shall be repaired or replaced within forty-five days...

The following records shall be maintained on leaks, improper conditions, and improper seal gaps:

Monitors shall be installed and maintained as required by this paragraph to measure operational parameters of any emission control device...

Such monitoring and parameters shall be sufficient to demonstrate proper functioning of those devices to design specifications.

...the exhaust gas stream shall be monitored daily or at intervals no greater than twenty percent of the design replacement interval, whichever is greater...

Such approval or requirement shall occur when the Ohio EPA is informed, in writing, that USEPA has no objection to, or requires, the other monitoring and parameters that are indicated.

...the closed-vent system shall be equipped with at least one pressure gauge or other pressure measurement device that can be read from a readily accessible location...
<table>
<thead>
<tr>
<th>Section</th>
<th>Paragraph</th>
<th>Requirement</th>
<th>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</th>
<th>Fed</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-16</td>
<td>F(17)</td>
<td>...an inspection and maintenance plan shall be developed, maintained on-site, and made readily available upon the request of the appropriate Ohio EPA district office or local air agency.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>F(17)</td>
<td>At a minimum, the plan shall include the following:</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>F(17)(c)</td>
<td>If problems are found, corrective action consistent with the manufacturer’s recommendations shall be implemented.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>F(17)(d)</td>
<td>...a new performance test to determine destruction efficiency in accordance with paragraph (C) of rule 3745-21-10 of the Administrative Code shall be conducted.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>G</td>
<td>...paragraph (C)(2) of this rule (relating to control requirements, alternate control requirements, inspection and monitoring requirements, and exemptions) shall be determined by applying one or more of the following test methods...</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(G)(3)(a)</td>
<td>...for flares, the performance test requirements of 40 CFR 60.18(b) shall apply.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(G)(3)(b)</td>
<td>The measurement of wastewater flow rate shall be determined with flow measurement devices. Flow rate measurements shall be taken at the same time as the concentration measurements.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(G)(7)</td>
<td>The determination of the characteristics of a wastewater stream for purposes of this rule shall be made as follows:</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(I)</td>
<td>The characteristics shall be determined at a location between the point of generation (as defined by this rule) and before the wastewater stream is exposed to the atmosphere...</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-21-16</td>
<td>(I)</td>
<td>...this mixing shall not establish a limit on where the characteristics may be determined.</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater</td>
<td>Yes</td>
</tr>
</tbody>
</table>
3745-21-16 (I)(1) shall not...this mixing shall not establish a limit on where the characteristics may be determined.

3745-21-16 (I)(2) shall...shall not...this mixing shall...shall not...shall not

3745-21-16 (I)(3) shall...The VOC concentration...VOC concentration...shall be determined in accordance with paragraph (I)(3)(c) of this rule, or by a combination of the methods in paragraphs (I)(3)(a) to (I)(3)(c) of this rule.

3745-21-16 (I)(4) shall...The annual affected VOC loading in wastewater for a wastewater stream shall be the annual average flow rate determined in paragraph (I)(3) of this rule.

3745-21-16 (I)(5) shall...The annual VOC loading in wastewater for a plant shall be the sum of the annual VOC loading in wastewater for each affected VOC wastewater stream.

3745-21-16 (J)(1) shall...Each owner or operator of a source subject to this rule shall comply with paragraphs (J)(2) and (J)(3) of this rule for maintenance...wastewaters containing volatile organic compounds.

3745-21-16 (J)(2) shall...The descriptions shall specify the following:

3745-21-16 (J)(3) shall...The owner or operator shall modify and update the information required by paragraph (J)(2) of this rule as needed following each maintenance procedure based on the actions taken...

3745-21-16 (J)(4) shall...The owner or operator shall maintain a record of the information required by paragraphs (J)(2) and (J)(3) of this rule.

3745-21-16 (K)(1) shall...The owner or operator shall demonstrate compliance by testing the emission control device in accordance with paragraph (G) of this rule within ninety days after the compliance date.

3745-21-16 (K)(2) shall...The owner or operator shall demonstrate compliance by testing the treatment process (or combined treatment processes) in accordance with the methods in paragraph (G) of this rule within ninety days after the compliance date.

3745-21-16 (L)(1) shall...The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.

3745-21-16 (L)(1) shall...The notification, which shall be submitted not later than July 26, 2005, shall provide the information specified in paragraph (L)(5) of this rule.
shall ...an initial startup of a waste management unit on or after May 27, 2005, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.

shall ...an initial startup of a waste management unit on or after May 27, 2005 (whichever is later), shall provide the information specified in paragraph (L)(5) of this rule.

shall ...an initial startup of a waste management unit before August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the facility is subject to this rule.

shall ...an initial startup of a waste management unit before August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.

shall ...an initial startup of a waste management unit on or after August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.

shall ...an initial startup of a waste management unit on or after August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.

shall ...an initial startup of a waste management unit before October 24, 2008, shall provide the information specified in paragraph (L)(5) of this rule.

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shall ...an initial startup of a waste management unit on or after August 25, 2008, shall notify the appropriate Ohio EPA district office or local air agency in writing that the waste management unit is subject to this rule.

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<tr>
<th>Rule Section</th>
<th>Clause</th>
<th>Required</th>
<th>Information Required</th>
<th>Source Code</th>
<th>Subpart</th>
<th>Report Required</th>
<th>CA182, 40 CFR part 63, subpart www</th>
<th>Federal</th>
<th>Yes</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-21-16</td>
<td>(L)(5)</td>
<td>required</td>
<td>The notification <strong>required</strong> in paragraphs (L)(1) to (L)(4) of this rule shall include the following information:</td>
<td>3704.03(E)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-21-16</td>
<td>(L)(5)-(e)(ii)</td>
<td>required</td>
<td>An application for an operating permit or permit-to-install and operate is <strong>not required</strong> provided the subject process is operating under an effective permit and certifies compliance.</td>
<td>3704.03(H)</td>
<td>Fed</td>
<td>1994 ACT - Control of Volatile Organic Compound Emissions from Industrial Wastewater.</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-21-25</td>
<td>(G)</td>
<td>require</td>
<td>... unless the owner or operator was previously using an option that did not <strong>require</strong> the owner or operator to maintain records of resin and gel coat use...</td>
<td>3704.03(H), 3704.03(A) and 3704.03(E)</td>
<td>Fed</td>
<td>CAA 182, 40 CFR part 63, subpart www</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
<td></td>
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<tr>
<td>3745-22-01</td>
<td>(E)</td>
<td>shall not</td>
<td>Asbestos hazard abatement contractor shall not mean a business entity which engages in asbestos hazard abatement activities solely at its own place of business provided that the business entity is required to and does comply with all applicable standards of the United States environmental protection agency and the United States occupational safety and health, and provided further that persons employed by the business entity performing asbestos hazard abatement activity meet the requirements of this chapter.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-22-01</td>
<td>(S)</td>
<td>shall</td>
<td>... Any category I or category II asbestos containing material that becomes damaged from either deterioration or attempts at removal or abatement resulting in small fragments the size of four square inches or less shall also be considered friable.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-22-01</td>
<td>(E)</td>
<td>required</td>
<td>Asbestos hazard abatement contractor shall not mean a business entity which engages in asbestos hazard abatement activities solely at its own place of business provided that the business entity is required to and does comply with all applicable standards of the United States environmental protection agency and the United States occupational safety and health.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-22-01</td>
<td>(3)(2)</td>
<td>required</td>
<td>A document issued by a training institution in accordance with rule 3745-22-07 of the Administrative Code affirming that an individual successfully has completed the instruction required in all licensing or certification categories as provided in sections 3710.07 and 3710.10.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-22-02</td>
<td>(A)</td>
<td>shall</td>
<td>No business entity or public entity shall perform, directly or indirectly, any asbestos hazard abatement activity as defined in paragraph (2) of rule 3745-22-05 of the Administrative Code without a valid license from the director.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-02</td>
<td>(B)</td>
<td>shall</td>
<td>No person shall coordinate, or supervise, an asbestos hazard abatement project unless he or she is certified as an asbestos hazard abatement specialist by the director pursuant to the requirements of Chapter 3710. of the Revised Code and the rules of this chapter.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-02</td>
<td>(C)</td>
<td>shall</td>
<td>No person shall determine the work scope, work sequence, or performance standards for an asbestos hazard abatement activity unless he or she is certified as an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and pursuant to the requirements of this chapter.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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</tr>
<tr>
<td>3745-22-02</td>
<td>(D)</td>
<td>shall</td>
<td>... unless he or she is certified as an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and pursuant to the requirements of this chapter. No person who is certified as an asbestos hazard abatement project designer shall be authorized or permitted to perform the services of a registered architect or ...</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-02</td>
<td>(E)</td>
<td>shall</td>
<td>No person shall perform environmental monitoring or clearance air-sampling unless he or she is certified as an asbestos hazard abatement air-monitoring technician or an asbestos hazard evaluation specialist in accordance with Chapter 3710. of the Revised Code.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-22-02</td>
<td>(F)</td>
<td>shall</td>
<td>No person shall perform any asbestos hazard abatement activities unless he or she is certified as an asbestos hazard abatement worker or an asbestos hazard abatement specialist by the director in accordance with Chapter 3710.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-02</td>
<td>(G)</td>
<td>shall</td>
<td>No person shall perform oversight of any asbestos hazard abatement activity unless he or she is certified as an asbestos hazard abatement specialist or an asbestos hazard abatement project designer by the director in accordance with Chapter 3710. of the Revised Code and the requirements of this chapter.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-03</td>
<td>(A)</td>
<td>shall</td>
<td>To apply for an asbestos abatement contractor's license, or for certification as ... abatement worker a person shall do all of the following:</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-03</td>
<td>(A)(4)</td>
<td>shall</td>
<td>(A) Submit requests for a replacement of a license or certificate in writing. The request shall contain the name, address, license number, the reason that the replacement is necessary.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-22-03</td>
<td>(B)</td>
<td>shall</td>
<td>(B) Within fifteen business days after receiving an application, the director shall acknowledge receipt of the application and notify the applicant of any deficiency in the application. ...</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-22-03</td>
<td>(B)</td>
<td>shall</td>
<td>... Within sixty calendar days after receiving a completed application, including all additional information requested by the director, the director shall issue a license or certificate or deny the application.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-22-03</td>
<td>(B)</td>
<td>shall</td>
<td>(B) The director shall issue only one effective license or certificate from each category to any person, including any business or public entity and its principle officers.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-22-03</td>
<td>(B)</td>
<td>shall</td>
<td>(D) The agency shall deny any application for an asbestos hazard abatement contractor’s license if the applicant or an officer or employee of the applicant has been convicted of a felony or found liable in a civil proceeding under any state or federal law designed to protect the environment.</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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</table>
3745-22-03 (E) Persons licensed . . . may apply to the director for licensure or certification. The director shall license or certify these applicants upon a determination that the standards for certification, licensure, or approval . . .
3745-22-03 (G) Application for renewal of a license or certificate shall be filed in accordance with Chapter 3745 . . .
3745-22-03 (H) shall (H) The director may waive the requirements for a license or certificate in an emergency that results from a sudden, unexpected event that is not a planned asbestos hazard abatement . . . Any person who performs an asbestos hazard abatement activity under emergency conditions shall notify the director within three days after performance thereof.
3745-22-03 (I)(1) shall (I)(1) Any person to whom an order is directed shall immediately comply with the order.
3745-22-03 (I)(2) shall (I)(2) Soon as possible . . .
3745-22-04 (A) shall (A) To apply for an asbestos hazard abatement contractor's license, a person shall submit a completed application to the director in accordance with rule 3745-22-03 of the Administrative Code . . .
3745-22-04 (B)(1) shall (1) Each employee . . . responsible for an asbestos hazard abatement project shall do the following: submit an application in accordance with rule 3745-22-03 of the Administrative Code . . .
3745-22-04 (B)(2) shall (2) A person applying for . . . requirements of Chapter 3710 of the Revised Code and this chapter, shall provide for each asbestos abatement project at least one asbestos hazard abatement specialist, certified pursuant to rule 3745-22-05 of the Administrative Code . . .
3745-22-04 (B)(3) shall (3) No applicant for licensure as an asbestos hazard abatement contractor, in order to meet the requirements of this chapter, shall list an employee of another contractor. . .
3745-22-04 (C) shall (C) An asbestos hazard abatement contractor engaging in any asbestos hazard abatement project shall do the following: notify the director . . . Prior notification of asbestos abatement projects shall be made on a form prescribed by the director . . .
3745-22-04 (C)(4) shall (4) Notify the director . . . In the event that there is an emergency as defined in paragraph (H) of rule 3745-22-03 of the Administrative Code, the asbestos hazard abatement contractor shall notify the director before the project begins . . .
3745-22-04 (C)(4)(g) shall (g) In the event that there is an emergency as defined in paragraph (H) of rule 3745-22-03 of the Administrative Code, the asbestos hazard abatement contractor shall notify the director as soon as possible, but no later than three working days after commencing the emergency asbestos hazard abatement activity.
3745-22-04 (C)(7) shall (7) Maintain records . . . These records shall be maintained for at least thirty years . . .
3745-22-04 (C)(7)(v) required (v) Proof of training of workers required by paragraph (B)(10)(v) of this rule . . .
3745-22-05 (A) shall (A) To apply for certification as an asbestos hazard abatement specialist, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code . . .
3745-22-05 (A) shall (A) The application for certification as an asbestos hazard evaluation specialist shall include the following:
3745-22-05 (B) shall (B) To become certified and to maintain certification under this rule, an asbestos hazard abatement specialist shall provide documentation that the applicant meets the following criteria:
3745-22-05 (C) shall (C) Unless that person is not supervising and providing oversight only, an asbestos hazard abatement specialist engaging in any asbestos hazard abatement project shall do all of the following during the course of the project:
3745-22-05 (D) shall (D) An asbestos hazard abatement specialist engaging in any asbestos hazard abatement project shall do the following:
3745-22-05 (E) required (2) Payment of the fee required by rule 3745-22-03 of the Administrative Code.
3745-22-05 (A) shall (A) To apply for certification as an asbestos hazard evaluation specialist, a person shall submit an application in accordance with rule 3745-22-03 . . .
3745-22-06 (A) shall (A) . . . The application for certification as a hazard evaluation specialist shall include the following:
3745-22-06 (B) shall (B) To qualify for an asbestos hazard abatement contractor's license, a business entity or public entity shall meet the following criteria:
3745-22-06 (C) shall (C) An asbestos hazard abatement contractor engaging in any asbestos hazard abatement project . . .
3745-22-06 (C)(4) shall (4) Notify the director . . . Prior notification of asbestos abatement projects shall be made on a form prescribed by the director . . .
3745-22-06 (C)(4)(g) shall (g) Notify the director as soon as possible, but no later than three working days after commencing the emergency asbestos hazard abatement activity. . .
To become certified and to maintain certification under this rule, an asbestos hazard evaluation specialist shall meet the following criteria:

<table>
<thead>
<tr>
<th>Rule Reference</th>
<th>Description</th>
<th>Requirement</th>
<th>State</th>
<th>ORC</th>
<th>N/A</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-22-06 (B)</td>
<td>Prepare a report for each site where bulk samples are collected.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-06 (C)</td>
<td>An asbestos hazard evaluation specialist or other asbestos hazard abatement activities shall do the following:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-06 (C)(1)</td>
<td>Prepare a report for each site where bulk samples are collected.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-06 (R)(2)</td>
<td>Payment of the fee required by rule 3745-22-03 of the Administrative Code.</td>
<td>Required</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (A)</td>
<td>The director shall acknowledge receipt of an application for approval of any training course within ten working days of receipt.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (A)</td>
<td>The director shall review the application and shall determine whether or not contingent approval will be granted.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
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<td>3745-22-07 (A)</td>
<td>The director shall review the application and shall determine whether or not contingent approval will be granted.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (A)</td>
<td>The director shall issue a document to the applicant affirming that the asbestos hazard abatement training course substantially satisfies the criteria in this rule.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (B)</td>
<td>Any person may apply to be approved for this purpose, a training course shall meet all of the following criteria, . . .</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(1)</td>
<td>Instruction is provided by persons approved by the director. The applicant shall submit the following information for each person to be approved as an instructor.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(2)</td>
<td>Any person sponsoring an initial or refresher training course shall include a closed-book examination at the conclusion of each course.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(2)</td>
<td>In addition to examination requirements found in the United States environmental protection agency “Model Accreditation Plan” 40 CFR 763, subsection E, each examination shall meet the following criteria:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(2)</td>
<td>Records shall be maintained for twenty years of persons who have attended or completed the course and of their attendance and completion dates.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(4)</td>
<td>. . . which information shall be provided to the director upon request. Records shall include the following information:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(4)</td>
<td>Records shall include the following information:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(5)</td>
<td>Issuance of a certificate to each student who satisfactorily completes the course and examination. The certificate shall contain the following information:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(5)</td>
<td>Any person sponsoring an initial or refresher training course shall annually complete and submit to the director an application on the form prescribed by the director.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(5)</td>
<td>Any person sponsoring an initial or refresher training course shall verify, by examining each student’s previous certificate, that each student possesses a valid . . .</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(7)</td>
<td>No person other than the Ohio environmental protection agency shall conduct or offer to conduct any initial or refresher training course or examination required by this chapter.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (D)(7)</td>
<td>. . . the agency and the approved training provider shall administer the course and examinations according to the United States environmental protection agency.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (G)</td>
<td>At a minimum, an asbestos hazard abatement worker course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of “asbestos abatement contractors and supervisors”.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (H)</td>
<td>At a minimum, an asbestos hazard evaluation specialist course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of “inspectors” and “management planners”.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (I)</td>
<td>At a minimum, an asbestos hazard abatement worker course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of “asbestos abatement workers”.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (H)</td>
<td>At a minimum, an asbestos hazard abatement project designer course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of “abatement project designers”.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (J)</td>
<td>At a minimum, an asbestos hazard abatement project designer course shall provide curriculum topics, hours of instruction and an examination in accordance with the requirements for the discipline of “abatement project designers”.</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-22-07 (J)</td>
<td>After an applicant receives notice from the director that the application for approval of an asbestos training course has been granted, to maintain approval status, the applicant shall do the following:</td>
<td>Shall</td>
<td>3710.02</td>
<td>State, ORC 3710</td>
<td>N/A</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
(A)(3) required (3) Fails to maintain required records. 3710.02 State, ORC 3710 N/A No Yes No

(B)(2)(b) required (b) Require a passing score of at least seventy per cent. 3710.02 State, ORC 3710 N/A No Yes No

(B)(2)(e) required (e) The reexamination may be taken two times, allowing a student a total of three opportunities to pass the required examination. 3710.02 State, ORC 3710 N/A No Yes No

(B)(2)(e) required (e) Failure of the student to pass the third attempt shall require the student to retake. 3710.02 State, ORC 3710 N/A No Yes No

(D) required (D) No person other than the Ohio environmental protection agency shall conduct or offer to conduct any initial or refresher training course or examination required by this chapter. 3710.02 State, ORC 3710 N/A No Yes No

(A) (A) To apply for certification as an asbestos hazard abatement worker, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

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(A) shall (A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement project designer certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(B) shall (B) To become certified and to maintain certification under this rule, an asbestos hazard abatement worker shall meet the following criteria. 3710.02 State, ORC 3710 N/A No Yes No

(C) (C) An asbestos hazard abatement worker engaging in any asbestos hazard abatement project shall, during the course of the project, do the following: 3710.02 State, ORC 3710 N/A No Yes No

(A) (A) To become certified and to maintain a certificate under this rule, an asbestos hazard abatement project designer shall meet the following criteria: 3710.02 State, ORC 3710 N/A No Yes No

(B) (B) To become certified and to maintain a certificate under this rule, an asbestos hazard abatement project designer shall meet the following criteria: 3710.02 State, ORC 3710 N/A No Yes No

(C) shall (C) An asbestos hazard abatement project designer engaged in the design of asbestos hazard abatement projects shall do the following: 3710.02 State, ORC 3710 N/A No Yes No

(A) (A) To apply for an asbestos hazard abatement air-monitoring technician certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement air-monitoring technician certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(A) shall (A) To apply for an asbestos hazard abatement air-monitoring technician certificate, a person shall submit an application in accordance with rule 3745-22-03 of the Administrative Code. 3710.02 State, ORC 3710 N/A No Yes No

(B) shall (B) To become certified and maintain certification under this rule, an asbestos hazard abatement air-monitoring technician shall meet the following criteria: 3710.02 State, ORC 3710 N/A No Yes No

(C) shall (C) An asbestos hazard abatement air-monitoring technician shall do the following: 3710.02 State, ORC 3710 N/A No Yes No

shall (shall) No asbestos hazard abatement contractor shall enter into unless the agreement is in writing and contains the following: 3710.02 State, ORC 3710 N/A No Yes No

shall (shall) All clearance air-sampling to be analysed by phase contrast microscopy (PCM) shall be conducted in accordance with the regulations of the United States occupational safety and health administration, 29 CFR Part 1926.1101. 3710.02 State, ORC 3710 N/A No Yes No

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<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-23-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>CAA 110(a)(2)(B)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
<td></td>
</tr>
<tr>
<td>3745-23-02</td>
<td>(A)</td>
<td>shall</td>
<td>For purposes of ascertaining, defining, and measuring ambient air quality, nitrogen dioxide shall be measured by the methods stated in...</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>CAA 110(a)(2)(B)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
<td></td>
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<tr>
<td>3745-23-02</td>
<td>(B)</td>
<td>shall</td>
<td>Such measurements shall be corrected to standard conditions for purposes of...</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>CAA 110(a)(2)(B)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
<td></td>
</tr>
<tr>
<td>3745-23-02</td>
<td>(B)</td>
<td>shall</td>
<td>Concentrations of nitrogen dioxide shall be determined through the use of...</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>CAA 110(a)(2)(B)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
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<tr>
<td>3745-23-02</td>
<td>(B)</td>
<td>required</td>
<td>... through the use of a reference method required by 40 CFR 50.11....</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>CAA 110(a)(2)(B)</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
<td></td>
</tr>
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<td>OAC Rule #</td>
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<td>State or Fed Law?</td>
<td>Federally delegated program?</td>
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<tr>
<td>3745-24-01</td>
<td>(A)</td>
<td>Shall</td>
<td>3745-24-01 (A) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
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<tr>
<td>3745-24-01</td>
<td>(B)(4)</td>
<td>Must</td>
<td>3745-24-01 (B)(4) Must</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
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<tr>
<td>3745-24-01</td>
<td>(B)(4)</td>
<td>Required</td>
<td>3745-24-01 (B)(4) Required</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
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<tr>
<td>3745-24-02</td>
<td>(A)</td>
<td>Shall</td>
<td>3745-24-02 (A) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
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<tr>
<td>3745-24-02</td>
<td>(B)</td>
<td>Shall</td>
<td>3745-24-02 (B) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
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<tr>
<td>3745-24-02</td>
<td>(C)</td>
<td>Shall</td>
<td>3745-24-02 (C) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>3745-24-03</td>
<td>(A)</td>
<td>Shall</td>
<td>3745-24-03 (A) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>3745-24-04</td>
<td>(A)</td>
<td>Shall</td>
<td>3745-24-04 (A) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
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<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
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<td>3745-24-04</td>
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<td>Shall</td>
<td>3745-24-04 (C)(2) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
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<td>3745-24-04</td>
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<td>Shall</td>
<td>3745-24-04 (C)(3) Shall</td>
<td>3704.03(E), 3704.03(E)/3704.03</td>
<td>Federal</td>
<td>CAA 182(a)(3)(B)</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
</tbody>
</table>
**For the purpose of determining attainment of the primary and secondary ambient air quality standards for particulate matter applicable throughout the state of Ohio, particulates shall be measured in the ambient air as both PM10 and PM2.5.**

**Removal would require state or federal law change?**

**Federally delegated program**

**Statutory Authority**

**State or Fed Law?**

**Fed, crosswalk?**

**Requirement on the agency or director?**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>3745-25-02</td>
<td>A(1)</td>
<td>shall</td>
<td>The primary ambient air quality standards for sulfur dioxide applicable throughout the state of Ohio shall be as follows:</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>B(1)</td>
<td>shall</td>
<td>The maximum annual arithmetic mean concentration not to be exceeded in a calendar year shall be 0.030 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(1)</td>
<td>shall</td>
<td>The maximum twenty-four-hour concentration not to be exceeded more than once per calendar year shall be 0.14 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(1)</td>
<td>shall</td>
<td>The twenty-four-hour average concentration shall be determined from successive nonoverlapping twenty-four hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 parts per million by volume shall be rounded up).</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(2)</td>
<td>shall</td>
<td>The secondary ambient air quality standard for sulfur dioxide applicable throughout the state of Ohio shall be:</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(3)</td>
<td>shall</td>
<td>The three-hour averages shall be determined from successive nonoverlapping three-hour blocks starting at midnight each calendar day and shall be rounded to one decimal place (fractional parts equal to or greater than 0.05 parts per million by volume shall be rounded up).</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
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<tr>
<td>3745-25-02</td>
<td>R(4)</td>
<td>shall</td>
<td>The three-hour averages shall be determined from successive nonoverlapping three-hour blocks starting at midnight each calendar day and shall be rounded to one decimal place (fractional parts equal to or greater than 0.05 parts per million by volume shall be rounded up).</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(5)</td>
<td>shall</td>
<td>The maximum one-hour arithmetic mean concentration not to be exceeded more than once per year shall be thirty-five parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(6)</td>
<td>shall</td>
<td>The maximum eight-hour arithmetic mean concentration not to be exceeded more than once per year shall be nine parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(7)</td>
<td>shall</td>
<td>The maximum twenty-four-hour concentration not to be exceeded more than once per calendar year shall be 0.14 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(8)</td>
<td>shall</td>
<td>The twenty-four-hour average concentration shall be determined from successive nonoverlapping twenty-four hour blocks starting at midnight each calendar day and shall be rounded to two decimal places (fractional parts equal to or greater than 0.005 parts per million by volume shall be rounded up).</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(9)</td>
<td>shall</td>
<td>The secondary ambient air quality standard for carbon monoxide applicable throughout the state of Ohio shall be:</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(10)</td>
<td>shall</td>
<td>The primary and secondary ambient air quality standard for ozone applicable throughout the state of Ohio, shall be 0.070 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(11)</td>
<td>shall</td>
<td>The secondary ambient air quality standard for oxides of nitrogen applicable throughout the state of Ohio shall be 0.053 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(12)</td>
<td>shall</td>
<td>The primary ambient air quality standard for oxides of nitrogen applicable throughout the state of Ohio shall be 0.053 parts per million by volume.</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(13)</td>
<td>shall</td>
<td>For purposes of ascertaining, defining and measuring ambient air quality, concentrations of sulfur dioxide shall be determined either through...</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
<tr>
<td>3745-25-02</td>
<td>R(14)</td>
<td>shall</td>
<td>For purposes of ascertaining, defining and measuring ambient air quality, concentrations of lead shall be determined either through...</td>
<td>Yes - SIP</td>
<td>Yes - Federal</td>
</tr>
</tbody>
</table>
Conditions justifying the proclamation of an air pollution "Alert", air pollution "Warning", or air pollution "Emergency" shall be deemed to exist whenever any person responsible for the operation of a source of air contaminant which emits 0.25 tons per day or more of air contaminants for which air quality standards have been adopted shall prepare emission control action programs, ...

Emission control action programs shall be designed to reduce or eliminate emissions of...

Emission control action programs required by paragraph (A) of this rule shall be in writing and show,

During each stage of an air pollution episode, and such other information as the director shall deem pertinent.

Emission control action programs shall be filed with the director at the following times:


New sources that are, or will be, part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are required to obtain a Title V permit under Chapter 3745-77 of the Administrative Code – shall file with an application for a Title V permit, in accordance with rule 3745-77-04 of the Administrative Code.


New sources that are, or will be, part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are required to obtain a Title V permit under Chapter 3745-77 of the Administrative Code – shall file with...

New sources not part of a facility, as defined in Chapter 3745-77 of the Administrative Code, and that are not required to obtain a Title V permit under Chapter 3745-77 of the Administrative Code – shall file with...

Persons operating motor vehicles shall be strongly encouraged to eliminate the unnecessary use of automobiles, motorcycles, light-duty trucks and vans, and recreational vehicles.

Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between twelve p.m. and four p.m.

Persons operating motor vehicles shall...

Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between twelve p.m. and four p.m.

There shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form.

Persons operating motor vehicles shall...

Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution "Warning" actions as required for...

Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution "Warning" actions as required for...
shall particularly put into effect, the emission control action programs for an air pollution "Warning." 

shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form. 

persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of twelve p.m. and four p.m. 

shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form. 

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shall be no open burning by any persons of tree waste, vegetation, refuse, or debris in any form. 

For carbon monoxide "Warnings," persons operating motor vehicles shall be encouraged to avoid the air pollution "Warning" area. 

The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited. 

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Any person responsible for the operation of a source of air contamination as described in paragraph (A)(1)(a) of rule 3745-25-04 of the Administrative Code shall take all actions as required for such source of air contamination... 

Any person responsible for the operation of a source of air contamination as set forth in paragraph (A) of rule 3745-25-04 of the Administrative Code shall take all air pollution "Alert" actions as required for such source of air contamination... 

Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of twelve p.m. and four p.m. 

Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of twelve p.m. and four p.m. 

Persons operating fuel-burning equipment which requires boiler lancing or soot blowing shall perform such operations only between the hours of twelve p.m. and four p.m. 

The use of incinerators for the disposal of any form of solid waste or liquid waste shall be prohibited. 

Persons operating fuel motor vehicles shall be strongly encouraged to eliminate the unnecessary use of... 

Persons operating motor vehicles shall be strongly encouraged to eliminate the unnecessary use of... 

Persons operating motor vehicles shall be strongly encouraged to eliminate the unnecessary use of...
3745-26-01 (B) Required “Certified inspector” means an individual who has attended a required training...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (D) Required “Certified waiver repair technician” means an individual who has attended and completed required training...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (J) Required “Certified waiver repair technician” means an individual who has attended and completed required training, successfully passed a required examination...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (K) Required “Exemption certificate” means the official certificate, issued by the director, to a vehicle owner or lessee whose vehicle may not require inspection as prescribed in rule...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (L) Required An exemption certificate shall serve the same purpose as the certificate to be presented to the registrar...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (M) Required “Foreign imported gray market vehicle” means any vehicle of a type required to be registered that is brought into this state...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (J) Required “Foreign imported gray market vehicle” means any vehicle of a type required to be registered that is brought into this state...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (K) Required “Waiver limit” means the minimum dollar amount required to be spent...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-01 (L) Required An exemption certificate shall serve the same purpose as the certificate to be presented to the registrar...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (A) Required The vehicle inspection report must contain a detachable inspection certificate that is to be presented to the registrar of motor vehicles as required by division...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (B) Required The contract shall be awarded by the director of administrative services...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (C) Required …where the director determines that the tailpipe emission inspections are no longer necessary, in a designated program area for the purpose of inspecting vehicles as required under section 3704.14...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (D) Required The vehicle inspection station shall keep an updated manual on the premises at all times...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (F) Required In rural areas, one hundred percent of that population shall be no more than five miles from an emission inspection station...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (G) Required In rural areas, one hundred percent of that population shall be no more than fifteen miles from an inspection station...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (H) Required In rural areas, one hundred percent of that population shall be no more than twelve miles from an inspection station...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (I) Required A majority of the stations shall be in operation for no fewer than forty-five hours per week...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n

3745-26-10 (J) Required …forty-five hours per week, which shall include, without limitation, operating hours in the evening and on Saturdays...
3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
(C) (3) Must

The amount of time a vehicle must wait within the confines of the queuing area shall not exceed a daily average of fifteen minutes.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (C) (3) Shall not

The amount of time a vehicle must wait within the confines of the queuing area shall not exceed a daily average of fifteen minutes.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (E) prohibited

The contractor or any of the contractor's employees are prohibited from having principal interest in a company that is in the business of vehicle repair or service, in vehicle parts sales, or in motor vehicle sales.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (F) Shall not

The contractor shall not refer vehicle owners to any particular vehicle repair service provider.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (H) Shall

Each contractor shall be responsible for the upkeep, distribution and replacement of all vehicle inspection reports.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (I) Shall

Each VIR shall contain the following statement: “[This automobile inspection is the result of requirements...”

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-10 (J) Shall

Each contractor or subcontractor shall be responsible for complying with equipment requirements...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(1) Shall

Beginning January 1, 1996, the director shall implement and supervise an enhanced vehicle inspection program on all vehicles...in odd numbered years and shall report the inspection results...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(2) Shall

...each motor vehicle that is owned or leased by the state, local government, or any political subdivision whose office is located within a county that is part of a designated program area, is subject to inspection in odd numbered years and shall report the inspection results...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(2) Shall

Each vehicle inspection reports shall contain the following statement: “[This automobile inspection is the result of requirements...”

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(2) Required

Vehicles owned or leased by the federal government will be required to have an inspection in odd numbered years...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(2)(c) Required

Federal installations located in a designated program area shall provide documentation of proof of compliance with test requirements...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(3) Required

A vehicle owner or lessee whose vehicle is an odd number model year is required to present a valid inspection certificate upon vehicle registration in odd numbered calendar years...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(3)(b) Required

A vehicle owner or lessee whose vehicle is an even number model year is required to present a valid inspection certificate upon vehicle registration in even numbered calendar years...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(5) Shall

At the time of vehicle registration or registration renewal, the motor vehicle owner or lessee shall present to the registrar of motor vehicles an inspection compliance certificate...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(6) Shall

...vehicles that have been transferred to a new owner or lessee or those issued a thirty-day temporary tag as defined in section 4503.182 of the Revised Code shall have an emissions inspection performed...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (A)(8) Shall

Vehicles subject to inspection that have been rebuilt or that have had engine exchanges shall meet inspection requirements for the model year of the motorvehicle's chassis.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(2) Required

An exemption certificate is required for owners of new vehicles.

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(2) Required

...the director may grant exemptions for or extensions of the time during which any motor vehicle required to be tested pursuant to section 3704.14 of the Revised Code and the rules adopted thereunder is exempt from testing...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(3) Shall

Any application for a non-permanent exemption or extension shall be submitted on a form prescribed by the director...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(4) Shall

Any owner or lessee receiving a non-permanent exemption or extension shall comply with any terms and conditions specified...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(4) Shall not

If the recipient of an extension certificate fails to comply with the terms and conditions, that owner or lessee shall not be eligible for future exemptions or extensions...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(5) Shall

Extensions shall be issued at the discretion of the director, for the purpose of allowing for a delay in the testing requirement...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(5)(a) Shall

...an extension request based upon repair shall include a copy of the repair order or parts order...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n

3745-26-12 (B)(5)(c) Shall

A readiness extension may be granted for a motor vehicle that is having readiness issues related to testing. The documentation shall include a failed inspection report or...

3704.14 FED CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S  YES Yes, both n
If a motor vehicle owner or lessee intends to perform the necessary services or repairs themselves, the written estimate shall include only the cost of emission related parts.

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If a motor vehicle owner or lessee intends to perform the necessary services or repairs themselves, the written estimate shall include only the cost of emission related parts.
catalytic converters meeting the emission reduction requirements and criteria set by the United States environmental protection agency are acceptable for catalytic converter replacement required under this chapter.

3745-26-12 (D)(7)(b) Required  
Have the vehicle reinspected after the required repairs have been performed.

3745-26-12 (D)(7)(c) Required  
...vehicle converter...in the United States environmental protection agency are acceptable for catalytic converter replacement required under this chapter.

3745-26-12 (D)(8) Shall  
...vehicle converter...in the United States environmental protection agency are acceptable for catalytic converter replacement required under this chapter.

3745-26-12 (D)(9) Shall not  
Costs incurred under warranty repairs shall not be applied towards a waiver.

3745-26-12 (E)(1)(a) Required  
...bring the vehicle into compliance with the required emission inspection.

3745-26-12 (E)(1)(a) Shall  
...bring the vehicle into compliance with the required emission inspection.

3745-26-12 (E)(1)(b) Required  
...the reinspection results for each pollutant that passed during the initial inspection shall not exceed the standard for that pollutant after emission-related repairs and adjustments.

3745-26-12 (E)(1)(b) Shall  
...the reinspection results for each pollutant that passed during the initial inspection shall not exceed the standard for that pollutant after emission-related repairs and adjustments.

3745-26-12 (E)(2) Required  
The vehicle owner or lessee shall demonstrate that an amount equal to or greater than the "waiver limit" as defined in rule 3745-26-01 of the Administrative Code has been spent.

3745-26-12 (E)(2) Shall  
The vehicle owner or lessee shall demonstrate that an amount equal to or greater than the "waiver limit" as defined in rule 3745-26-01 of the Administrative Code has been spent.

3745-26-12 (E)(3) Required  
A waiver certificate shall be valid for three hundred sixty-five days from its date of issuance or until the next required vehicle emission test.

3745-26-12 (E)(3) Shall  
A waiver certificate shall be valid for three hundred sixty-five days from its date of issuance or until the next required vehicle emission test.

3745-26-12 (F)(1) Required  
The contractor shall refund the inspection costs for one pass per vehicle incurred by a motor vehicle dealer.

3745-26-12 (F)(2) Required  
...contractor conducting emission inspections under a motor vehicle inspection and maintenance program shall be approved by the director.

3745-26-12 (F)(2) Shall  
...contractor conducting emission inspections under a motor vehicle inspection and maintenance program shall be approved by the director.

3745-26-13 (A) Required  
Each person applying for inspector certification shall be at least eighteen years old.

3745-26-13 (A) Shall  
Each person applying for inspector certification shall be at least eighteen years old.
3745-26-13 (C)(1) Shall not Certified inspectors shall not conduct inspections while under the influence of alcohol or... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-13 (C)(2) Shall not Certified inspectors shall not participate in the solicitation of a bribe in order to pass a vehicle or any other fraudulent activity... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-13 (C)(3) Require The director may require a certified inspector to attend additional training at any time or require re-administration of the written exam or hands-on demonstration to determine if... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-14 (A) Require ...the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-14 (A) Required As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-14 (A) Shall As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both y
3745-26-14 (A) Shall As required by 40 CFR 51.359 and 40 CFR 51.363, the director shall administer a program of quality assurance and shall require each contractor to implement a quality control program... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both y
3745-26-14 (C) Shall Any inspector whose certification is revoked under Chapter 119. or section 3704.17 of Revised Code shall not be eligible to reapply for certification for a three-year period... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (B) Shall For applicants who meet or continue to meet the criteria for certifying as a waiver repair facility, the director shall issue an initial or a renewal certificate to the facility for a period not to exceed three years... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both y
3745-26-15 (B) Shall Any renewal application not received within ten days after the last day of the renewal date shall be considered evidence that the facility does not intend to renew their application for a certificate... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (B) Shall ...Facility will cease conducting waiver repairs as a certified facility. The director shall reclaim all state-owned or state-provided property... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both y
3745-26-15 (C) Shall The certificate shall be valid only for the following: (1) The owner in whose name... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (C)(1) Shall The applicant shall provide proof that the required emissions equipment as detailed in paragraph (G) of this rule, has been or will be purchased... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (C)(3) Shall The applicant shall provide proof that the required emissions equipment as detailed in paragraph (G) of this rule, has been or will be purchased or leased and ready for operation within one week of purchase or lease... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (E) Shall Each waiver repair facility shall have a minimum of one certified waiver repair technician... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (E) Shall The applicant shall notify the director within seven calendar days, in writing, when the last employee, who is a certified waiver repair technician, resigns, is dismissed, or otherwise leaves employment... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (G)(1-8) Shall Certified waiver repair facilities shall lose their certification if any of the following items are missing or are not in full operating condition... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (H)(1-3) Required The following items are required beginning January 1, 1998 when U.S. EPA's phase-in specifications are upgraded: (1) Lab scope... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (I) Required If the director deems it necessary and upon reasonable written notice, additions or deletions of waiver repair facility equipment may be required... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (J) Shall The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (J) Shall The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (K) Shall The sign shall remain the property of the Ohio EPA and, upon discontinuance as a certified waiver repair facility, shall be surrendered by the applicant to an authorized representative of the Ohio EPA... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (L) Shall The sign shall remain the property of the Ohio EPA and, upon discontinuance as a certified waiver repair facility, shall be surrendered by the applicant to an authorized representative of the Ohio EPA... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (M) Shall The sign shall remain the property of the Ohio EPA and, upon discontinuance as a certified waiver repair facility, shall be surrendered by the applicant to an authorized representative of the Ohio EPA... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (N) Shall The owner or operator of each certified waiver repair facility shall display the official sign issued by the director. The official certified waiver repair facility sign shall be displayed in full view of the public and shall not be altered in any way... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (O) Shall Each certified waiver repair facility shall contact the director at least thirty days prior to a change of ownership... 3704.14 FID CAA 1990 Amendments Sec. 182. 40 CFR Part 51.350 Subpart S YES Yes, both n
3745-26-15 (K) Shall Upon notice of a change of a facility owner or location, the director shall issue a certificate under the subsequent facility name...

3745-26-15 (L) Shall In the event of any changes, the subsequent owner or the current owner of a subsequent facility location shall submit a certificate application to the director.

3745-26-16 (A) Required The director shall certify any applicant as a waiver repair technician to conduct waiver repairs as required in paragraph (E) of rule 3745-26-12 of...

3745-26-16 (A)(2) Required The applicant is required to satisfactorily pass the approved training course written examination.

3745-26-16 (B) Shall Certification as a waiver repair technician shall be valid for two years.

3745-26-16 (C) Required The candidate may perform waiver related repairs as required in rule 3745-26-12 of Administrative Code prior to the reception of a certificate only if all other requirements for certification...

3745-26-16 (D) Shall The director shall provide each applicant a waiver repair technician's certificate upon successful completion of certification requirements.

3745-26-16 (E) Shall The director shall notify the technician in writing of any additional training requirements.

3745-26-16 (F) Shall Recertification as a waiver repair technician shall consist of submitting an application to the director before the current certification expires

3745-26-16 (G)(3) Shall Upon approval by the director, Ohio EPA approved trainers shall also be certified as a certified waiver repair technician.
<table>
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<tr>
<th>OAC Rule #</th>
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<th>Restriction</th>
<th>Description/Quotation</th>
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<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-31-01</td>
<td>A</td>
<td>shall</td>
<td>the definitions in rules 3745-15-01 and 3745-21-01 of the Administrative Code shall apply to this chapter</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>C</td>
<td>shall not</td>
<td>this definition shall not apply</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(C)(1)</td>
<td>shall</td>
<td>Actual emissions as of a particular date shall equal the average rate</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(C)(2)</td>
<td>shall</td>
<td>The director shall allow the use of a different time period</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-01</td>
<td>(C)(3)</td>
<td>shall</td>
<td>Actual emissions shall be calculated using the emissions unit's actual operating hours</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(C)(4)</td>
<td>shall</td>
<td>actual emissions shall equal the potential to emit</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(C)(5)</td>
<td>shall</td>
<td>Affected sources shall have the meaning given to it</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a) and 402(1); 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
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<td>3745-31-01</td>
<td>(D)(1)</td>
<td>shall</td>
<td>The director shall allow the use of a different time period</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(1)(a)</td>
<td>shall</td>
<td>The average rate shall include fugitive emissions</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(1)(b)</td>
<td>shall</td>
<td>The average rate shall be adjusted downward</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(1)(c)</td>
<td>must</td>
<td>only one consecutive twenty-four-month period must be used to determine the baseline actual emissions for the emissions units being changed</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(1)(d)</td>
<td>shall not</td>
<td>The average rate shall not be based on any consecutive twenty-four-month period</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(1)(e)</td>
<td>required</td>
<td>adjusting this amount if required by paragraph (D)(1)(b)</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)</td>
<td>shall not</td>
<td>the ten-year period shall not include any period earlier than November 15, 1990</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)</td>
<td>required</td>
<td>the date a complete permit application is received by the director for a permit required either under this rule</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)(a)</td>
<td>shall</td>
<td>The average rate shall include fugitive emissions to the extent quantifiable</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)(b)</td>
<td>shall</td>
<td>The average rate shall be adjusted downward</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)(c)</td>
<td>shall</td>
<td>The average rate shall be adjusted downward to exclude any emissions that would have exceeded an emission limitation</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(2)(d)</td>
<td>required</td>
<td>had such major stationary source been required to comply with such limitations during</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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</tr>
<tr>
<td>3745-31-01</td>
<td>(D)(2)(e)</td>
<td>required</td>
<td>adjusting this amount if required by paragraphs...</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(3)</td>
<td>shall</td>
<td>the emissions increase that will result from the initial construction and operation of such unit shall equal zero</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(D)(3)(c)</td>
<td>shall</td>
<td>the emissions increase that will result from the initial construction and operation of such unit shall equal zero</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(P)</td>
<td>shall</td>
<td>Any baseline area established originally for the TSP increments shall remain in effect</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 107(b) and 110(a)</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(P)</td>
<td>shall</td>
<td>and shall apply for purposes of determining the amount of available PM10 increments,</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 107(b) and 110(a)</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(P)</td>
<td>shall not</td>
<td>except that such baseline area shall not remain in effect</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 107(b) and 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
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<td>Removal would require state or federal law change?</td>
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<tr>
<td>3745-31-01</td>
<td>(3)</td>
<td>shall</td>
<td>A baseline concentration is determined for each pollutant for which a minor source baseline date is established and shall include the following</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a) and 169(k)</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(3)</td>
<td>shall</td>
<td>In no event shall application of BACT result in emissions</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a) and 169(k)</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(5)</td>
<td>shall</td>
<td>Such standard shall, to the degree possible, set forth the emission reduction achievable by implementation of such design, equipment, work practice or operation and shall provide for compliance</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a) and 169(k)</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(5)</td>
<td>shall</td>
<td>Such standard shall, to the degree possible, set forth the emission reduction achievable</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a) and 169(k)</td>
<td>SIIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(w)</td>
<td>shall</td>
<td>The federal contribution for a qualifying clean coal technology demonstration project shall be at least</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(CC)(4)</td>
<td>required</td>
<td>If any commenter has asserted that a prior LAER, BACT, BAT, or air toxic MACT determination is no longer adequate, the director has determined that the level of control required by that prior determination remains adequate.</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>Yes</td>
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<td>3745-31-01</td>
<td>(EE)</td>
<td>required</td>
<td>Such standard shall, to the degree possible, set forth the emission reduction achievable by implementation of such design, equipment, work practice or operation and shall provide for compliance</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a) and 169(k)</td>
<td>SIIP Yes</td>
<td>No</td>
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<td>3745-31-01</td>
<td>(FF)</td>
<td>required</td>
<td>The federal contribution for a qualifying clean coal technology demonstration project shall be at least</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(HH)(2)</td>
<td>shall</td>
<td>In no event shall the application of this term permit</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-01</td>
<td>(JJ)(2)</td>
<td>shall</td>
<td>A baseline concentration shall be determined for each pollutant for which a minor source baseline date is established and shall include the following</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<td>3745-31-01</td>
<td>(LLL)(4)(e)</td>
<td>prohibited</td>
<td>Unless such change would be prohibited under any federally enforceable permit...</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<td>3745-31-01</td>
<td>(LLL)(4)(e)</td>
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<td>Unless such change would be prohibited under any federally enforceable permit...</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
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<td>3745-31-01</td>
<td>(LLL)(4)(f)</td>
<td>prohibited</td>
<td>Unless such change would be prohibited under any federally enforceable permit...</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<td>3745-31-01</td>
<td>(LLL)(4)(i)</td>
<td>prohibited</td>
<td>Unless such change would be prohibited under any federally enforceable permit...</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(LLL)(5)</td>
<td>shall</td>
<td>This definition shall not apply with respect to a particular regulated NSR pollutant</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(LLL)(S)</td>
<td>shall</td>
<td>Instead, the definition under paragraph (3) of this rule shall apply</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(NNN)(1)</td>
<td>shall</td>
<td>A baseline concentration shall be determined for each pollutant for which a minor source baseline date is established and shall include the following</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(NNN)(3)</td>
<td>shall</td>
<td>A major stationary source that is major for VOCs or nitrogen oxides shall be considered major for ozone</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(NNN)(4)</td>
<td>shall</td>
<td>The fugitive emissions of a stationary source to the extent quantifiable shall not be included</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(QQQ)(5)</td>
<td>shall</td>
<td>Date established originally for the TSP increments shall remain in effect</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-01</td>
<td>(SSS)(1)(a)(v)</td>
<td>shall not</td>
<td>This exemption shall apply on a pollutant-by-pollutant basis</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
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<td>3745-31-01</td>
<td>(SSS)(3)</td>
<td>shall</td>
<td>This exemption shall apply on a pollutant-by-pollutant basis</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
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</tr>
<tr>
<td>3745-31-01</td>
<td>(RRR)</td>
<td>must</td>
<td>Model general permit means a document that the director has developed that includes a definition of a category of air contaminant source, a description of the qualifications that must be met for that category of source</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-31-01</td>
<td>(SSS)(1)(a)(v)</td>
<td>shall not</td>
<td>This exemption shall apply on a pollutant-by-pollutant basis</td>
<td>3704.03(F), 3704.03(G) Fed</td>
<td>CA Section 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIIP Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3745-31-01 (SSS)(1)(xvi) prohibited ...is not expressly prohibited from using under any permit condition or...
3745-31-01 (SSS)(1)(xvi) shall not Modify or ‘modification’ shall not include pollution control
3745-31-01 (SSS)(1)(xvi) prohibited ...is not expressly prohibited from using under any permit condition...
3745-31-01 (SSS)(1)(xvi) shall not Modify or ‘modification’ shall not include allowable emission increases
3745-31-01 (UUU) required ...means those permits or approvals required under federal air pollution control laws and regulations and those air pollution control laws and regulations that are part of the federally approved Ohio state implementation plan.
3745-31-01 XVVII(2) shall increases and decreases under paragraph (XVII) of this rule shall be determined
3745-31-01 XVVII(2) shall not except that paragraphs (O)(1)(c) and (O)(2)(d) of this rule shall not apply
3745-31-01 XVVII(3)(c) required ...if the increase or decrease is required to be considered in calculating...
3745-31-01 XVVII(3)(c) shall Only PM10 emissions shall be used
3745-31-01 XVVII(3)(f) requires ...Any replacement unit that requires shakedown becomes operational only after a reasonable shakedown period, not to exceed one hundred eighty days.
3745-31-01 XVVII(3)(g) shall not Paragraph (G)(1) of this rule shall not apply for determining creditable increases and decreases
3745-31-01 XXXI required "New source review project" or "NSR project" means a physical change in, or change in the method of operation of, an existing major stationary source for which a permit-to-install or a permit-to-install and operate is required.
3745-31-01 FFFFFF(1) shall The allowable emissions for any emissions unit shall be calculated considering any emission limitations
3745-31-01 FFFFFF(2) shall An emissions unit’s potential to emit shall be determined
3745-31-01 OOOOO shall Particulate matter shall have the same meaning as found in rule 3745-17-01
3745-31-01 PRRRR shall Particulate matter emissions shall have the same meaning as found in rule 3745-17-01
3745-31-01 XXXXW shall the determination of VOC or ammonia as a precursor for PM2.5 shall be made in accordance
3745-31-01 BBBBBB shall restrictions on hours of operation or on the type or amount of material combusted, stored or processed, shall be treated as part of the emission unit’s or stationary source’s design
3745-31-01 GGGGGG shall the owner or operator of the major stationary source shall do the following
3745-31-01 LLLLLL shall ...accrues fifty per cent of the fixed capital cost that would be required to construct...
3745-31-01 NNNNNN(1)(d) shall PM2.5 emissions and PM10 emissions shall include gaseous emissions
3745-31-01 NNNNNN(1)(d) shall particulate matter shall be accounted for
3745-31-01 NNNNNN(1)(d) shall not emissions limitations for PM2.5 and PM10 issued prior to this date shall not be based on condensable particulate matter
3745-31-01 NNNNNN(1)(d) shall not Applicability determinations made prior to this date without accounting for condensable particulate matter shall not be considered in violation
3745-31-01 NNNNNN(1)(d) shall not based on condensable particulate matter unless required by the terms and conditions of a permit...
3745-31-01 NNNNNN(1)(d) shall not shall not be considered in violation of this chapter unless the Ohio state implementation plan required condensable particulate matter to be included.
3745-31-01 NNNNNN(1)(d) shall PM2.5 emissions, and PM10 emissions shall include gaseous emissions
3745-31-01 NNNNNN(1)(d) shall such condensable particulate matter shall be accounted for
3745-31-01 NNNNNN(1)(d) shall not Compliance with emissions limitations for PM2.5 and PM10 issued prior to this date shall not be based on condensable particulate matter
3745-31-01 (NNNNN)(21)(a)(ii) shall not Applicability determinations made prior to this date without accounting for condensable particulate matter shall not be considered in violation 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 NP Yes No

3745-31-01 (NNNNN)(22)(a)(ii) required based on condensable particulate matter unless required by the terms and conditions of a permit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (NNNNN)(23)(a)(iii) shall not be considered in violation of this chapter unless the Ohio state implementation plan required condensable particulate matter to be included. 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (ODDDDD) shall No creditable emission reductions shall be generated 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (ODDDDD)(4) shall the emissions unit shall constitute a new emissions unit 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (OPPPP)(2) shall Repowering shall also include any oil or gas-fired unit 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (OPPPP)(3) shall The director shall give expedited consideration to permit applications for any source that satisfies this rule 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (SSSSSS) must secondary emissions must be specific, well defined, quantifiable, and impact the same general areas 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (AAAAAAA) shall Emissions units shall be considered as part of the same industrial grouping 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166 SP Yes No

3745-31-01 (BBBIRR)(2) required The state of Ohio has not relied on the emission reduction in a required attainment demonstration... 3704.03(7), 3704.03(G) State N/A No No No

3745-31-01 (BBBIRR)(3) required It is not required by any applicable laws. 3704.03(7), 3704.03(G) State N/A No No No

3745-31-01 (IIIIIII) shall VOC" the Ohio environmental protection agency, or its representatives, may observe, participate in, or conduct any performance test required. 3704.03(7), 3704.03(G) FedCAA Sections 110(a)(2) SP Yes No

3745-31-02 (A)(1) shall no person shall cause, permit, or allow any of the following. 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(a) required Installation or modification of any new source that is, or will be, part of a facility... and that is required to obtain a Title V permit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(b) required Installation or modification, and subsequent operation of any new source that is not part of a facility... and that is not required to obtain a Title V permit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(b) [Comment] prohibit [Comment: Paragraph (A)(1)(b) of this rule is not intended to prohibit any new source... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(b) [Comment] prohibit [Comment: Nor is it intended to prohibit any new source... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(c) required Operation of any air contaminant source... not defined as a new source... that is not part of a facility... and that is not required to obtain a Title V permit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(1)(d) required The Ohio environmental protection agency, or its representatives, may observe, participate in, or conduct any performance test required. 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(2) require The director may require the owner or operator of the air contaminant source submit an updated application 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(3) shall No installation permit shall be required for activities that are subject to and in compliance with a plant-wide applicability limit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (A)(3) shall No installation permit shall be required for activities that are subject to and in compliance with a plant-wide applicability limit... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (B)(1)(a) required The owner or operator shall submit a Title V permit application and a Title V permit from the director, as required under Chapter 3745-77 of the Administrative Code. 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (B)(1)(b) required the owner or operator shall submit a Title V permit application and obtain a Title V permit from the director, as required under Chapter 3745.77 of the Administrative Code. 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (B)(2) required Upon final issuance of the permit required under paragraph (B)(1)(a) of this rule... 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No

3745-31-02 (B)(3) required will be superseded by the issuance of the Title V permit required under paragraph (B)(1)(a) of this rule, and, if applicable, the permit-to-install required under paragraph (B)(1)(b) 3704.03(7), 3704.03(G) FedCAA Sections 110(a), 165, 169, 171 and 173 SP Yes No
3745-31-02 (a) required
The owner or operator of a new permit-by-rule air contaminant source electing to use an applicable permit-by-rule shall submit a written notification which contains all of the elements required in paragraph (B)(1)(b).

3745-31-02 (b) shall
This notification, or form, shall be submitted to the appropriate Ohio environmental protection agency district office.

3745-31-03 (C)(1)(c) required
will be superseded by the issuance of the Title V permit required under paragraph (B)(1)(a) of this rule, and, if applicable, the permit-to-install required under paragraph (B)(1)(b) thereof.

3745-31-02 (a) required
The owner or operator shall provide the director with confirmation of relocation

3745-31-03 (B)(1)(ii)(l) required
Relocation of any portable source including the portable permit-by-rule source that results in the installation of a major stationary source or the modification of a major stationary source shall also meet all applicable requirements under the Title V program as defined in rule 3745-77-01 of the Administrative Code, program.

3745-31-03 (B)(1)(ii)(l) required
Relocation of any portable source including the portable permit-by-rule source that results in the creation of a major source, shall also meet all applicable requirements under the Title V program as defined in rule 3745-77-01 of the Administrative Code, program.

3745-31-03 (B) shall
An application for a permit-to-install or PTIO shall be submitted to the appropriate Ohio environmental protection agency district office or local air agency.

3745-31-03 (B)(1)(aa) required
The owner or operator of a facility that has exceeded the permit-by-rule thresholds or that the director finds is causing or may cause a public nuisance in violation of rule 3745-15-07 of the Administrative Code shall submit a written notification which contains all of the elements required in paragraph (B)(1)(b).

3745-31-03 (B)(1)(dd) required
The owner or operator of a new permit-by-rule contaminant source electing to use an applicable permit-by-rule shall submit a written notification.

3745-31-03 (B)(1)(cc) required
On-site cleaning, stripping and subsequent coating of outdoor objects and structures... that must be done periodically for maintenance purposes.

3745-31-03 (B)(1)(bb) required
Anyone requesting this exemption shall provide...

3745-31-03 (B)(1)(aa) required
The owner or operator shall collect and maintain the records described for each air contaminant source.

3745-31-03 (B)(1)(aa) required
The owner or operator may submit the required application and obtain a PTIO or Federally Enforceable PTIO from the director, as required under this chapter.

3745-31-02 (d) required
The approval to construct or operate under this chapter shall not relieve any owner or operator of a stationary source of the responsibility to comply fully with applicable provisions.

3745-31-02 (g) required
If any provision of this chapter or the application of such provision to any person or circumstance, is held invalid, the remainder of this chapter, or the application of such provision to persons or circumstances other than those as to which it is held invalid, shall not be affected thereby.

3745-31-03 (a) required
A permit-to-install or PTIO as required by rule 3745-31-02 of the Administrative Code must be obtained.

3745-31-03 (a) required
A permit-to-install or PTIO as required by rule 3745-31-02 of the Administrative Code must be obtained.

3745-31-04 (a)(i)(f) shall
The permit-to-install fees for the installation of exempt non-road engines, as required under section 3745.11 of the Revised Code, are hereby waived for any permit-to-install issued for an exempt non-road engine.

3745-31-04 (a)(ii)(l) shall
The exemption shall be effective for thirty days from the date the mobile treatment unit or vacuum truck is first put into use.

3745-31-04 (a)(ii)(i) shall
The exemption shall expire upon receipt of the written notification by the appropriate Ohio environmental protection agency district office or local air agency.

3745-31-03 (C)(1)(d) required
The owner or operator of a new permit-by-rule contaminant source electing to use an applicable permit-by-rule shall submit a written notification.

3745-31-03 (C)(1)(c) required
This notification, or form, shall be submitted to the appropriate Ohio environmental protection agency district office.

3745-31-03 (C)(1)(b) required
This notification shall be submitted to the appropriate Ohio environmental protection agency district office.

3745-31-03 (C)(1)(a) required
The owner or operator of a facility that has exceeded the permit-by-rule thresholds or that the director finds is causing or may cause a public nuisance in violation of rule 3745-15-07 of the Administrative Code shall submit an application for a permit-to-install or PTIO.

3745-31-03 (C)(1)(a) required
Whoever is required to keep the records described in rule 3745-31-04 shall maintain the records described for each air contaminant source.

3745-31-03 (B)(1)(aa) required
The owner or operator shall provide the director with confirmation of relocation.

3745-31-03 (B)(1)(aa) required
The owner or operator shall provide the director with confirmation of relocation.

3745-31-03 (B)(1)(aa) required
The owner or operator shall provide the director with confirmation of relocation.

3745-31-03 (B)(1)(aa) required
The owner or operator shall provide the director with confirmation of relocation.

3745-31-03 (B)(1)(aa) required
The owner or operator shall provide the director with confirmation of relocation.

3745-31-02 (b) required
The director, in the director's discretion or where required to do so by federal laws or regulations, may issue a single permit-to-install or PTIO.

3745-31-02 (b) required
The director, in the director's discretion or where required to do so by federal laws or regulations, may issue a single permit-to-install or PTIO.

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3745-31-02 (b) required
The director, in the director's discretion or where required to do so by federal laws or regulations, may issue a single permit-to-install or PTIO.
<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th># Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745‐31‐03</td>
<td>(C)(1)(d)</td>
<td>shall and shall be submitted</td>
<td>Each record of any monitoring data, testing data, and support information required pursuant.</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745‐31‐03</td>
<td>(C)(1)(e)</td>
<td>required</td>
<td>The owner or operator shall submit required reports...</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(1)(f)</td>
<td>shall</td>
<td>The report shall describe the specific limitation or operational restriction exceeded.</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(ii)</td>
<td>shall</td>
<td>Any malfunction necessitating the shutdown...</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(iii)(a)</td>
<td>shall</td>
<td>The exhaust stack of each paint spray booth at the facility shall comply</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(iii)(b)</td>
<td>shall</td>
<td>The owner or operator of the facility shall maintain a copy of this documentation on-site</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(iv)</td>
<td>shall</td>
<td>The owner or operator of the facility shall submit documentation</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(v)</td>
<td>shall</td>
<td>There shall be no leaks in the vapor lines or liquid lines</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(vi)</td>
<td>shall</td>
<td>The facility shall employ submerged-fill pipes on all gasoline storage tanks.</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(vii)</td>
<td>shall</td>
<td>The control efficiency of the vapor balance or vapor control system shall be at least ninety percent by weight for VOCs.</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(viii)</td>
<td>shall</td>
<td>The facility shall comply with the following operational restrictions for the Stage I vapor control system:</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(vii)</td>
<td>shall</td>
<td>The vapor balance system shall be kept in good working order</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(vii)</td>
<td>shall</td>
<td>The vapor balance system shall be kept in good working order</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745‐31‐03</td>
<td>(C)(2)(g)(vii)</td>
<td>shall</td>
<td>The facility shall employ submerged-fill pipes on all gasoline storage tanks.</td>
<td>3704.03(G), 3704.03(G)</td>
<td>Fed</td>
<td>CA, Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Notes:**
- SIP indicates that the provision is subject to federal implementation.
- Fed indicates that the provision is subject to federal implementation.
- CA, Section 110(e) indicates that the provision is subject to state implementation.
- Yes indicates that the provision is implemented.
- No indicates that the provision is not implemented.
<table>
<thead>
<tr>
<th>OAC Rule #</th>
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<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(g)(ii)</td>
<td>The transfer of gasoline from a delivery vessel to a stationary storage tank <strong>shall</strong> be conducted by use of submerged fill into the storage tank. The submerged fill pipe is to be installed within six inches of the bottom of the storage tank.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(g)(iv)(b)</td>
<td>The owner or operator of the facility <strong>shall</strong> repair within fifteen days any leak.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(g)(v)</td>
<td>The owner or operator of the facility <strong>shall</strong> maintain records of the results of any leak checks.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(ii)</td>
<td>The control efficiency of the Stage I vapor control system <strong>shall</strong> be at least ninety per cent.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(iii)(a)(i)</td>
<td>The vapor balance system <strong>shall</strong> be kept in good working order.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(iv)(b)</td>
<td>The owner or operator <strong>shall</strong> maintain records of the results of any leak checks.</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(iv)(c)</td>
<td>When applicable, a facility located in any county in the State of Ohio <strong>shall</strong> comply with...</td>
<td>3704.03(I), 3704.03(G) Fed CAA Section 110(a)</td>
<td>SIP Yes No</td>
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<td>OAC Rule #</td>
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<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(a)</td>
<td>The owner or operator of the facility shall maintain records...relevant to determining the permeation rate of the hose</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(a)</td>
<td>Any owner or operator who is claiming an exemption for a facility from the Stage I or Stage II vapor control requirements pursuant to paragraph (R)(i)(i) of rule 3745-21-09...shall notify</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(b)</td>
<td>Any leak...shall be reported.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(c)</td>
<td>A comprehensive written report...shall be submitted.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(d)</td>
<td>When applicable, a facility located in any county in Ohio must also comply with...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(e)</td>
<td>Within sixty days after the installation or modification of a Stage II vapor control system, the owner or operator shall perform the tests...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(a)</td>
<td>At intervals not to exceed five years, the owner or operator of the facility shall repeat and demonstrate compliance with the static leak test requirements contained in appendix A to rule 3745-21-10 of the Administrative Code (unless a greater frequency is specified in the applicable CARB certification), and the dynamic pressure performance test requirements contained in appendix B to rule 3745-21-10 of the Administrative Code (unless the dynamic pressure performance test is not applicable to the specific Stage II vapor control system, as specified in the applicable CARB certification).</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(b)</td>
<td>The test notification shall describe the proposed test methods and procedures, the time and the date of the tests, and the person who will be conducting the tests. Failure to submit such notification prior to the tests shall result in the Ohio environmental protection agency’s refusal to accept the results of the tests.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(c)</td>
<td>Personnel from the appropriate Ohio environmental protection agency district office or local air agency shall be permitted to...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(d)</td>
<td>After completion of any tests, the facility shall complete and retain on site a copy of the post test inspection form...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(e)</td>
<td>The owner or operator of the gasoline dispensing facility shall perform and comply with any vapor control system tests (i.e., static leak tests, air-to-liquid ratio, etc.) specified in the applicable CARB certification for the vapor control system installed.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(f)</td>
<td>The tests shall be performed at the frequency specified in the CARB certification.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(g)</td>
<td>When applicable, a facility located in any county in Ohio must also comply with...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vi)(h)</td>
<td>All Stage II vapor control systems employed at facilities operating under this permit-by-rule, including all associated underground and above ground plumbing, shall be installed, tested, operated and maintained in accordance with the applicable CARB certification. Copies of CARB certification documents, including executive orders, approval letters, equipment advisories, and equivalent test procedures are available from the appropriate Ohio environmental protection agency district office or local air agency upon request.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(a)</td>
<td>Carbon monoxide emissions shall not exceed 0.06 pound per hour and 0.26 ton per year.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
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<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(b)</td>
<td>Inorganic nitrogen oxides emissions shall not exceed 6.87 tons per year.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(c)</td>
<td>Sulfur dioxide emissions shall not exceed 6.24 pounds per hour and 1.08 tons per year.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(d)</td>
<td>The owner or operator shall maintain...documentation.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(e)</td>
<td>The owner or operator shall maintain monthly records of the total amount of natural gas fired.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(f)</td>
<td>Fossil fuelux shall not exceed 0.020 pound per hour and 0.09 ton per year.</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(h)(vii)(g)</td>
<td>The owner or operator shall maintain records of the total amount of coal, peat, oil, and gas fuel...</td>
<td>3704.03(f), 3704.03(g)</td>
<td>Fed</td>
<td>CA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
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<td>OAC Rule #</td>
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<td>Removal would require state or federal law change?</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(i)(a)</td>
<td>shall</td>
<td>The owner or operator electing to use this permit-by-rule shall report the following, in accordance with 40 CFR part 60, subpart Dc, to the appropriate Ohio environmental protection agency, district office or local air agency at the appropriate times:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(i)(b)</td>
<td>shall</td>
<td>The owner or operator electing to use this permit-by-rule shall report the following, in accordance with 40 CFR part 60, subpart Dc, to the appropriate Ohio environmental protection agency, district office or local air agency at the appropriate times:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(i)(c)</td>
<td>required</td>
<td>State of performance testing (if required, at least thirty days prior to testing):</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(ii)(a)</td>
<td>shall</td>
<td>If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance with the provisions of paragraph (C)(2)(x)(ii)(a) of this rule:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(ii)(b)</td>
<td>shall</td>
<td>If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance with the provisions of paragraph (C)(2)(x)(ii)(b) of this rule:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(ii)(c)</td>
<td>shall</td>
<td>If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance with the provisions of paragraph (C)(2)(x)(ii)(c) of this rule:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(ii)(d)</td>
<td>shall</td>
<td>If required by the Ohio environmental protection agency, the owner or operator shall demonstrate compliance with the provisions of paragraph (C)(2)(x)(ii)(d) of this rule:</td>
<td>3704.03(F), 1704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>SIP</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Additional Notes:**
- **facilities located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit counties, where total VOC emissions from all lithographic or letterpress printing operations shall not exceed equal or exceed 3.0 tons per rolling twelve-month period.**
- **Facility emissions shall not exceed...**
- **Facility emissions shall not exceed...**
- **Facility emissions shall not exceed...**
- **Facility emissions shall maintain annual records.**
- **Facility emissions shall maintain annual records.**
- **Facility emissions shall maintain annual records.**

**Statutory Authority:**
- **3704.03(F), 1704.03(G)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
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- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
- **3704.03(F)**
- **3704.03(G)**
3745-31-03 (C)(2)(k)(i) shall The owner or operator of a lithographic or letterpress printing process shall maintain records, for a period of five years, of any change in any of the following for all cleaning solutions.

3745-31-03 (C)(2)(k)(i)(A) shall Each recipe shall be maintained in the recipe log for a period of five years.

3745-31-03 (C)(2)(k)(ii) shall The owner or operator of a lithographic or letterpress printing process shall maintain records, for a period of five years, of all of the following for all cleaning solutions.

3745-31-03 (C)(2)(k)(ii)(A) shall Each recipe shall clearly identify the following:

3745-31-03 (C)(2)(k)(iii) shall Compliance . . . . shall be based upon the recordkeeping requirements specified in paragraph (C)(2)(k)(ii)(a) of this rule.

3745-31-03 (C)(2)(k)(iv) shall The owner or operator of a lithographic or letterpress printing process shall maintain monthly records.

3745-31-03 (C)(2)(k)(v) shall The owner or operator shall notify the director of any exceedance of the following applicable requirements:

3745-31-03 (C)(2)(k)(v)(a) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(b) The operator of a lithographic or letterpress printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(c) The operator of a lithographic or letterpress printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(d) The operator of a lithographic or letterpress printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(e) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(f) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(g) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(h) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(i) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(j) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(k) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(l) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(m) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(n) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(o) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(p) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(q) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(r) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(s) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(t) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(u) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(v) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(w) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(x) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(y) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(z) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.

3745-31-03 (C)(2)(k)(v)(AA) The operator of an offset lithographic printing process shall determine compliance with the VOC content of the as-applied fountain solution using a hydrometer.
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<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<tbody>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(a)(ii)(A)</td>
<td>The VOC composite partial pressure shall be calculated as follows:</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(a)(ii)(B)</td>
<td>The owner or operator shall use formulation information provided by the supplier</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(b)(i)</td>
<td>The owner or operator shall employ fugitive dust control measures in order to minimize or eliminate fugitive dust emissions.</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(b)(ii)</td>
<td>The permittee shall promptly remove, in such a manner as to minimize or prevent reuspension, earth or other material from paved streets onto which such material has been deposited</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(c)(i)</td>
<td>The permittee shall treat the unpaved roadways and parking areas by application of chemical stabilization/dust suppressants or watering</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-03</td>
<td>(C)(2)(j)(v)(d)</td>
<td>The permittee shall employ reasonably available control measures to minimize or eliminate visible PE of fugitive dust by any of the following:</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Section 110(e)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-04</td>
<td>(A)</td>
<td>Applications for permits-to-install and PTIOs required by rule 3745-31-02 of the Administrative Code shall contain such information as the director deems necessary to determine whether the criteria of rule 3745-31-05 of the Administrative Code are met...</td>
<td>3704.03(7), 3704.03(8)(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
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<tr>
<td>3745-31-04</td>
<td>(A)</td>
<td>shall ... and shall be made on forms prepared by the Ohio environmental protection agency.</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-04</td>
<td>(B)</td>
<td>shall Applications for permits-to-install and PTIOs shall be signed by the following:</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-04</td>
<td>(C)</td>
<td>shall The signatures shall constitute personal affirmation that all statements or assertions of fact made in the application are true and complete, comply fully with applicable state requirements, ...</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-04</td>
<td>(D)</td>
<td>shall ... and shall subject the signature to liability under applicable state laws forbidding false or misleading statements.</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-04</td>
<td>(E)</td>
<td>shall A PTIO application for air contaminant sources of fugitive dust at grain and feed processing operations or a fertilizing mixing operation and which are subject to rule 3745-17-08 of the Administrative Code shall be submitted in accordance with applicable law.</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)</td>
<td>shall The director shall issue a permit-to-install or PTIO, on the basis of the information appearing in the application</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(a)</td>
<td>required BAT shall be evaluated, determined and required in either the initial permit-to-install or PTIO issued...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(a)(i)</td>
<td>shall BAT shall be evaluated, determined and required</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<td>3745-31-05</td>
<td>(A)(3)(a)(ii)</td>
<td>required BAT is not required if the air contaminant source...</td>
<td>3704.03(7), 3704.03(3), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
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<td>3745-31-05</td>
<td>(A)(3)(a)(ii)</td>
<td>required BAT is not required if the air contaminant source...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(a)(ii)</td>
<td>shall Not if the only requirement to obtain a permit-to-install or PTIO is due to one of the following, any existing BAT determination, when applicable, remains in effect and BAT shall not be reevaluated and redetermined:</td>
<td>3704.03(7), 3704.03(3), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(a)(iv)</td>
<td>required BAT is not required for any existing, new, or modified air contaminant source that is subject to a plant-wide applicability limit...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(b)</td>
<td>shall For air contaminant sources subject to an existing BAT determination, BAT shall be reevaluated and redetermined when a modification of the air contaminant source occurs...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(c)</td>
<td>shall not Except as provided in paragraph (A)(3)(b) of this rule, BAT shall not be reevaluated and redetermined when a PTIO is renewed, notwithstanding a modification as defined in rule 3745-31-01 of the Administrative Code. However, any existing BAT determination remains in effect.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(c)</td>
<td>shall Any reevaluated and redetermined BAT shall be in effect upon completion of the physical change or change in the method of operation or, when a physical change for change in the method of operation is not applicable, upon issuance of the permit-to-install or PTIO. Prior to completion of the physical change or change in the method of operation or issuance of the permit-to-install or PTIO, any existing BAT determination remains in effect.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
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<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(f)</td>
<td>shall When applicable in accordance with this rule, if any of the following apply to the air contaminant source, then the director shall determine BAT to be, at a minimum, equivalent to the limit contained within the applicable rule...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<td>3745-31-05</td>
<td>(A)(3)(f)</td>
<td>shall This determination shall be made on a pollutant by pollutant basis.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(f)</td>
<td>required ...[ODD] of rule 3745-21-09 of the Administrative Code as the rule existed on January 1, 2006 as required in division (I) of section 3704.03 of the Revised Code.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(f)</td>
<td>required Rules 3745-21-10 to 3745-21-18 of the Administrative Code as the rules existed on January 1, 2006 as required in division (I) of section 3704.03 of the Revised Code.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(f)</td>
<td>required If the only reason the rules contained in paragraphs (A)(3)(f)(i) to (A)(3)(f)(ii) of this rule do not apply is because the air contaminant source is located in a non-applicable county under the rules contained in paragraphs (A)(3)(f)(i) to (A)(3)(f)(ii) of this rule, then the director shall determine BAT to be equivalent to the most stringent limit contained within the applicable rule regardless of the air contaminant source's location.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(g)</td>
<td>shall This determination shall be made on a pollutant by pollutant basis.</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<td>3745-31-05</td>
<td>(A)(3)(h)</td>
<td>required During operation, the air contaminant source shall be in compliance with applicable rules and laws...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(i)</td>
<td>required During operation, the air contaminant source shall be in compliance with applicable rules and laws or if either required by rule...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05</td>
<td>(A)(3)(i)</td>
<td>required ... or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704...</td>
<td>3704.03(7), 3704.03(G), 3704.03(T)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<td>OAC Rule #</td>
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<tr>
<td>3745-31-05 (b)</td>
<td>required</td>
<td>...or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704.03 of the Revised Code, for incorporation into the permit terms and conditions.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (b)</td>
<td>shall</td>
<td>...or if either required by rule or when the director determines it is necessary, the owner or operator shall be required to submit an approvable compliance plan, as required by division (G) of section 3704.03 of the Revised Code, for incorporation into the permit terms and conditions.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (b)</td>
<td>shall</td>
<td>A compliance plan shall be approvable where it shows the following to the satisfaction of the director.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (b)(1)</td>
<td>required</td>
<td>Operation of the air contaminant source under the compliance plan will result in compliance with all applicable requirements and laws as expeditiously as practicable but no later than any date required by applicable law.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<td>3745-31-05 (b)</td>
<td>shall</td>
<td>Conditional PTIOs shall contain such terms and conditions as the Ohio environmental protection agency determines necessary and appropriate.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (d)(1)</td>
<td>shall</td>
<td>Special terms and conditions necessary to ensure compliance with requirements mandated by the Clean Air Act, which include regulations promulgated by the administrator thereunder, include synthetic minor emissions unit terms and conditions issued in a permit-to-install or PTIO or Federally Enforceable PTIO (FEPTIO). Such terms and conditions shall be federally enforceable and may restrict a stationary source's potential to emit below major source thresholds, below thresholds for other Clean Air Act requirements, or place other restrictions on an air contaminant source or stationary source in order to avoid a Clean Air Act requirement.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (d)(1)</td>
<td>shall</td>
<td>...Federally enforceable terms and conditions, including limitations on the potential to emit of a source, shall be designated as such through one of the following:</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-05 (d)(2)</td>
<td>shall</td>
<td>In order to be federally enforceable, a limitation on the potential to emit of an air contaminant source or stationary source shall do the following.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-05 (d)(2)(b)</td>
<td>shall</td>
<td>Specify a short-term limit on emissions for each pollutant to be restricted, and specify a short-term limit on production or operation, provided that for purposes of limiting potential to emit, acceptable short-term limitations on production or operation shall include but not be limited to one of the following:</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (d)(2)(e)</td>
<td>shall not</td>
<td>During the public comment period, if the administrator does not that the terms and conditions of the permit are not federally enforceable, the director shall not issue the permit until such objection has been resolved.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-05 (d)(3)</td>
<td>shall</td>
<td>Only those terms and conditions issued in a permit under this chapter and in accordance with paragraph (D)(2) of this rule that are necessary to avoid a Clean Air Act requirement, including a limitation on the potential to emit of an air contaminant source or stationary source, and expressly designated as federally enforceable, shall be federally enforceable.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (d)(4)</td>
<td>shall</td>
<td>Upon the request of the owner or operator, any of the mechanisms provided in paragraph (D)(1) of this rule shall allow for trading of emissions increases and decreases among air contaminant sources located at the same stationary source that is consistent with the Clean Air Act for the purpose of complying with a federally enforceable cap on the potential to emit of the source.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (d)(4)</td>
<td>shall</td>
<td>...Such limitations shall ensure that the trades are quantifiable and enforceable and require seven-day advance notification to the appropriate Ohio environmental protection agency district office or delegated local air agency.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (d)(4)</td>
<td>require</td>
<td>...Such limitations shall ensure that the trades are quantifiable and enforceable and require seven-day advance notification to the appropriate Ohio environmental protection agency district office or delegated local air agency.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-05 (d)(5)</td>
<td>shall</td>
<td>At such time that a particular stationary source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any federally enforceable term and condition or limitation established after August 7, 1980, on the capacity of the stationary source or modification otherwise to emit an air pollutant, such as a restriction on hours of operation, rules 3745-31-10 to 3745-31-27 and 3745-31-32 of the Administrative Code shall apply to the stationary source or modification as though construction had not yet commenced on the stationary source or modification.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (j)</td>
<td>shall</td>
<td>The director may impose terms and conditions necessary to ensure compliance with any provisions of the statutes or regulations of the state of Ohio that are not mandated by the Clean Air Act or regulations adopted by the administrator thereunder, but such terms and conditions shall be enforceable as state law only, ...</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (K)</td>
<td>shall</td>
<td>...and shall be designated as such in the permit-to-install, PTIO or FEPTIO.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-05 (f)</td>
<td>shall</td>
<td>The director shall act upon such application in accordance with the requirements of this rule, ...</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-05 (f)</td>
<td>shall not</td>
<td>...provided that paragraphs (F)(3) and (I) of this rule shall not apply unless the application is for the installation of a new source as defined in rule 3745-31-01 of the Administrative Code or is for a modification of an air contaminant source as defined in rule 3745-31-01 of the Administrative Code.</td>
<td>3704.03(T), 3704.03(G), 3704.03(TT)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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</tbody>
</table>
Removal would require state or federal law change? | Requirement on the agency or director? | OAC Rule # | Paragraph | Statutory Authority | State or Fed Law? | If Fed, crosswalk? | Federally delegated program? |
---|---|---|---|---|---|---|---|
3745-31-05 | (J)(1) | shall | in order to be considered for express processing, the air contaminant source owner or operator shall do the following: | 3704.03(F), 3704.03(T) | Fed | CAA Sections 110(a) | SIP | Yes | No |
3745-31-05 | (J) | The director shall coordinate the review and issuance of an air pollution permit-to-install or PTIO. | 3704.03(F), 3704.03(T) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-05 | (O) | The director shall determine whether the application is substantially complete or materially deficient. | 3704.03(F), 3704.03(G), 3704.03(T) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (A) | The director shall notify all affected federal land managers | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (B) | The director shall consider any analysis performed by the federal land manager | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (C) | The director shall issue or deny or propose to issue or deny a permit-to-install. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (D) | The director shall issue or deny or propose to issue or deny a permit-to-install. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (E)(1) | The director shall issue or deny or propose to issue or deny a renewal PTIO. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (E)(2) | The director shall notify all affected federal land managers | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (I)(1) | Such notification shall be made in writing and include a copy of all information | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (I)(2) | Notifications under this paragraph shall include an analysis of the anticipated impacts on visibility | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (I)(3) | The director shall consider any analysis performed by the federal land manager | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (I)(4) | The director shall make all comments available for public inspection. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (J) | The director shall consider any analysis performed by the federal land manager. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (M) | The director shall do the following: | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (N)(1) | shall | This notice shall follow the requirements under Chapter 3745-49 of the Administrative Code. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | No |
3745-31-06 | (N)(3) | required | public hearing for interested persons to appear and submit written or oral comments on the air quality impact of the air contaminant source, alternatives to it, the control technology required, and other appropriate considerations. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(1) | shall | The person shall determine whether the application is substantially complete or materially deficient. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(2) | shall | The person shall notify all affected federal land managers. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(3) | shall | The director shall consider any analysis performed by the federal land manager. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(4) | shall | The director shall do the following: | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(5) | required | public hearing for interested persons to appear and submit written or oral comments on the air quality impact of the air contaminant source, alternatives to it, the control technology required, and other appropriate considerations. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (O)(6) | required | implementation of one of the conditions of Chapter 3745-49 of the Administrative Code. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (D)(6)(A) | shall | In accordance with section 119.06 of the Revised Code, when an applicant submits a timely and complete renewal application pursuant to applicable law and the terms and conditions of the PTIO, the permitting agency's failure to have a renewed PTIO is not a violation of this chapter. Upon expiration of the PTIO, the permitting agency shall continue to operate under the terms and conditions of an expired PTIO until issuance of a renewal PTIO by the director. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | No |
3745-31-06 | (D)(6)(B) | shall | The director shall consider any analysis performed by the federal land manager, provided within thirty days of the federal land manager application notification and analysis required under paragraph (O)(1) | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (D)(6)(C) | shall | The director shall consider any analysis performed by the federal land manager. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (D)(6)(D) | shall | The director shall consider any analysis performed by the federal land manager. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
3745-31-06 | (D)(6)(E) | shall | The director shall consider any analysis performed by the federal land manager. | 3704.03(F), 3704.03(G) | Fed | CAA Sections 110(a) | SIP | Yes | Yes |
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<th>OAC Rule #</th>
<th>Paragraph</th>
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<th>Description/Quotation</th>
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<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<tbody>
<tr>
<td>3745-31-06</td>
<td>(2)(3)</td>
<td>shall</td>
<td>Where the director finds that such an analysis does not demonstrate to the satisfaction of the director that an impact on visibility will result in a Class I area, the Ohio environmental protection agency shall [either provide an explanation of the finding or give notice to as to where the explanation can be obtained in the notice for the public hearing.](3704.03(7), 3704.03(G))</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173, 40 CFR 51.165, 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-07</td>
<td>(A)(1)</td>
<td>shall</td>
<td>Authorization to install or modify an air contaminant source(s) contained in an issued permit-to-install or PTIO shall terminate within eighteen months of the effective date of the issuance of the permit-to-install or PTIO that authorized the installation or modification, if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification of the air contaminant source.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-07</td>
<td>(A)(2)</td>
<td>prohibited</td>
<td>Final disposition of the appeal unless prohibited by any court or administrative body having jurisdiction over the matter.</td>
<td>3704.03(7), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-07</td>
<td>(B)(1)</td>
<td>shall</td>
<td>The director may also revoke, or partially revoke, a permit-to-install, PTIO or variance if the permittee requests revocation for cause and the director determines that granting the requested revocation will not result in the violation of any applicable laws. When a permittee requests a revocation, the director, without prior hearing, shall make a final determination on the application.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-07</td>
<td>(B)(2)</td>
<td>shall</td>
<td>Revocation, pursuant to paragraph (B)(1) of this rule, of a permit-to-install, PTIO or variance shall be final thirty days after service of notice to the permit holder.</td>
<td>3704.03(3), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-07</td>
<td>(B)(4)</td>
<td>shall</td>
<td>A conditional PTIO issued pursuant to paragraph (B) of rule 3745-31-05 of the Administrative Code shall be effective for such reasonable periods as the director may determine...</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-07</td>
<td>(C)(1)(a)</td>
<td>shall</td>
<td>Any PTIO or variance issued by the director shall be subject to revocation if the owner or operator of an air contaminant source which obtained registration status prior to June 30, 2008, to submit an updated application for a PTIO...</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-07</td>
<td>(C)(1)(b)</td>
<td>shall</td>
<td>The Ohio environmental protection agency must be notified in writing... of any transfer of a permit once the transfer has been completed.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-07</td>
<td>(D)</td>
<td>shall</td>
<td>The transferee of any permit-to-install, PTIO or variance shall assume personally the responsibilities of the original permit holder-transferor.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
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</tr>
<tr>
<td>3745-31-07</td>
<td>(E)</td>
<td>shall</td>
<td>The director may at any time require the owner or operator of an air contaminant source which obtained registration status prior to June 30, 2008, to submit an updated application for a PTIO...</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-08</td>
<td>(A)</td>
<td>shall</td>
<td>Any subsequent permit denial or notice of application deficiency shall serve as notice to the owner or operator of the source that the permit-to-operate application for such source has in fact been removed from registration status.</td>
<td>3704.03(3), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-08</td>
<td>(B)</td>
<td>shall</td>
<td>Any subsequent permit denial or notice of application deficiency shall serve as notice to the owner or operator of the source that the permit-to-operate application for such source has in fact been removed from registration status.</td>
<td>3704.03(3), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-08</td>
<td>(C)</td>
<td>shall</td>
<td>When a permittee requests a revocation pursuant to the paragraph, the director, without prior hearing, shall make a final determination on the request.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-08</td>
<td>(D)</td>
<td>shall</td>
<td>Revocation of registration status shall be final immediately after service of notice to the registration status holder.</td>
<td>3704.03(1), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-09</td>
<td>(A)(1)</td>
<td>shall</td>
<td>No variance shall be granted from Chapter 3745-19... governing open burning.</td>
<td>3704.03(7), 3704.03(G), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>Yes</td>
<td>No</td>
<td></td>
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</tbody>
</table>
Removal would require state or federal law change?

State or Fed Law?

OAC Rule # | Paragraph | Restriction | Description/Quotation | Statutory Authority | If Fed, crosswalk? | Federally delegated program? | Requirement on the agency or director?
--- | --- | --- | --- | --- | --- | --- | ---
2745-31-09 | (A)(2) | shall | No variance shall be granted to a new source, as defined in rule 3745-31-01 . . . from any emissions limitation which was applicable to the source as a new source. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (B) | shall | Applications for variances shall meet the requirements of rules 3745-31-02 and 3745-31-04 | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (B)(1) | shall | Such application shall be returned to the applicant as expeditiously as practicable with an indication of the deficiencies therein. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (B)(2) | shall | An application which seeks a variance . . . which allows an applicant to emit an air pollutant at a specified level in excess of emissions standards . . . without requiring eventual compliance with such standards shall specify the level of emission sought. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(1)(b) | must | to achieve compliance with applicable law pertaining to the particular air contaminant, pursuant to a compliance schedule included as a term and condition of the variance, on a date later than the date provided by applicable law upon which compliance by such source must be achieved. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(2)(d)(i) | shall | The alternative emission control strategy shall do the following: | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(2)(d)(ii) | require | . . . and will also require emissions of the same air contaminant from another source or sources to be less than the level(s) permitted by applicable law. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | No | No
2745-31-09 | (C)(2)(d)(iii) | shall | Air contaminants from different sources shall be considered to be the same for purposes of paragraph (C)(2)(d)(ii) of this rule if they are comparable in terms of type, contaminant, . . . | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(2)(d)(iv) | shall not | Emissions of particulates of the following types shall not be considered, for purposes of paragraph (C)(2)(d)(ii) of this rule to be the same as emissions of particulates of any other types. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(2)(d)(v) | shall not | Emissions of organic compounds of the following types shall not be considered, for purposes of paragraph (C)(2)(d)(ii) of this rule, to be the same as emissions of organic compounds of any other types: | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | No | No
2745-31-09 | (C)(3)(a) | required | Such compliance with applicable law or other terms and conditions as is required by the variance will be achieved as expeditiously as practicable. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(3)(f) | must | If any rule from which a variance is sought has been approved by the administrator of the United States environmental protection agency as part of the Ohio state implementation plan, the applicant must demonstrate those matters required by federal law. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(3)(f) | required | If any rule from which a variance is sought has been approved by the administrator of the United States environmental protection agency as part of the Ohio state implementation plan, the applicant must demonstrate those matters required by federal law. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (C)(4) | required | The director retains the discretion to deny the application upon consideration of evidence regarding matters specified in division (H) of section 3704.03 of the Revised Code which is submitted by the applicant, developed by the agency, or obtained from another source, even though the demonstrations required by paragraph (C) of this rule have been made. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (D)(2) | shall | The director shall act on an application for a variance within six months | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (D)(3) | shall | Variances under this rule shall be issued, denied, modified, or revoked and may be challenged in accordance with the provisions of Chapter 3745-47 or 3745-49 of the Administrative Code. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (D)(3)(a) | shall | In issuing, denying, modifying, or revoking any variance, the director shall state the director’s reasons in writing. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (D)(3)(c) | shall | The decision and reasons shall be made publicly available at the cost of reproduction and handling. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (F)(1) | shall | A variance from a rule which has been approved by the administrator . . . as part of the Ohio [SIP] shall not be issued unless the following occurs: | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (F)(1)(1) | shall | If a variance has been approved by the administrator pursuant to paragraph (F)(1)(1) of this rule, a renewal of such variance shall not be subject to paragraph (F)(1)(1) of this rule unless a significant difference exists between the material aspects of such variance and the renewed form of such variance. . . | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (F)(1)(2) | shall | . . . For the purposes of paragraph (F)(1)(1) of this rule, a significant difference shall include any extension of the final compliance date of any compliance schedule. . . | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (F)(1)(2) | shall not | . . . but shall not include the reduction in allowable emissions. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | No
2745-31-09 | (G) | shall | The director shall propose to amend the rule from which the variance is issued to provide for emissions authorized by the variance. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (G) | shall not | The amended rule shall be proposed only if, in the director’s judgment, such amended rule will conform to all requirements of applicable law. . . | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
2745-31-09 | (G) | shall | Following rulemaking procedures mandated by law on the proposal, the director shall take such action on the proposal as is lawful and reasonable. | 3704.03(7), 3704.03(9), 3704.03(9)(h) | Fed | CAA Sections 110(a) | SIP | Yes | Yes
<table>
<thead>
<tr>
<th>OAC Rule #</th>
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<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<tbody>
<tr>
<td>3745-31-09</td>
<td>(G)(2)</td>
<td>shall</td>
<td>. . . an approved compliance schedule shall be incorporated into any variance granted.</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-09</td>
<td>(G)(3)</td>
<td>shall</td>
<td>. . . include as terms and conditions a specified emission limit for each air contaminant for which a variance is granted and test methods for demonstrating compliance with such emissions limits.</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-09</td>
<td>(G)(4)</td>
<td>shall</td>
<td>. . . in addition to the other registration and reporting requirements of all air contaminant sources, the holder of a variance which contains a compliance schedule shall file reports . . .</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-09</td>
<td>(G)(4)</td>
<td>required</td>
<td>. . . the reports every two months or as otherwise required by the Ohio environmental protection agency.</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-09</td>
<td>(G)(4)</td>
<td>shall</td>
<td>. . . Such reports shall be signed by the applicant for the variance.</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-09</td>
<td>(G)(4)</td>
<td>shall</td>
<td>. . . These reports shall demonstrate to the satisfaction of the director that the source for which the variance was issued is making consistent progress and has met all interim deadlines . . .</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-09</td>
<td>(H)</td>
<td>shall</td>
<td>. . . a variance shall not relieve the holder of responsibility to comply with all other applicable law and rules of the [DEPA].</td>
<td>3704.03(F), 3704.03(H)</td>
<td>Fed</td>
<td>CAA Sections 110(a)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-10</td>
<td>(A)(1)</td>
<td>shall</td>
<td>Before beginning actual construction of the NSR project, the owner . . . shall . . . maintain a record of the following information:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-10</td>
<td>(A)(2)</td>
<td>shall</td>
<td>The owner . . . shall provide . . . information . . . in paragraph (A)(1) of this rule to the director for . . . the following:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-10</td>
<td>(A)(2)(c)</td>
<td>required</td>
<td>Unless required elsewhere in this rule, nothing in this paragraph shall be construed to require the owner or operator of such emissions unit to obtain any determination from the director before beginning actual construction.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-10</td>
<td>(A)(2)(c)</td>
<td>shall</td>
<td>Unless required elsewhere in this rule, nothing in this paragraph shall be construed to require the owner or operator of such emissions unit to obtain any determination from the director before beginning actual construction.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(A)(4)</td>
<td>shall</td>
<td>The owner . . . shall submit a report to the director</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(A)(4)</td>
<td>must</td>
<td>. . . during which records must be generated under paragraph (A)(3) . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(A)(5)</td>
<td>shall</td>
<td>The owner . . . shall submit a report to the director</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(A)(5)</td>
<td>shall</td>
<td>Such report shall be submitted to the director within sixty days after the end of such year . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(A)(5)</td>
<td>shall</td>
<td>. . . The report shall contain the following:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(B)</td>
<td>shall</td>
<td>The owner . . . shall make the information required . . . pursuant to this rule available for review</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(B)</td>
<td>required</td>
<td>The owner . . . shall make the information required . . . pursuant to this rule available for review</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(B)</td>
<td>shall</td>
<td>The director shall require, through the issuance of a permit-to-install . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-10</td>
<td>(B)</td>
<td>require</td>
<td>The director shall require, through the issuance of a permit-to-install . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-10</td>
<td>(C)</td>
<td>shall</td>
<td>The director, through the issuance of a permit-to-install . . . shall provide that no ambient concentration of an air pollutant . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-10</td>
<td>(C)</td>
<td>shall</td>
<td>. . . shall exceed either of the following:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(D)(1)</td>
<td>shall</td>
<td>All of the following . . . shall remain Class I areas:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(D)(2)</td>
<td>shall</td>
<td>Areas . . . assigned as Class I under regulations promulgated before August 7, 1977 shall remain Class I but may be reassigned as provided in this rule.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 165, 169, 171 and 173; 40 CFR 51.165; 40 CFR 51.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-31-11</td>
<td>(D)(5)</td>
<td>shall The extent of areas . . . shall conform to any changes in the boundaries of an area . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-11</td>
<td>(E)(1)</td>
<td>shall The following ambient concentrations shall be excluded in determining increment compliance</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(E)(2)(a)(III)(c)</td>
<td>must Limitations under paragraphs (E)(2)(a)(III)(a) and (E)(2)(a)(III)(b) of this rule must be in effect at the end of the time period specified in accordance with paragraph (E)(2)(a)(III)(a)</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(E)(2)</td>
<td>shall No exclusion of such concentrations shall apply more than five years after the effective date of the order to which paragraph (D)(1)(a) of this rule refers, or the plan to which paragraph (E)(1)(b) of this rule refers, whichever is applicable.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(E)(3)</td>
<td>shall No exclusion under paragraph (E) of this rule shall occur later than nine months after August 7, 1980</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-11</td>
<td>(F)(1)</td>
<td>shall All attainment areas of the state . . . shall be designated Class II.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-11</td>
<td>(F)(2)(d)</td>
<td>shall The owner . . . shall submit all information necessary</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-12</td>
<td>(B)</td>
<td>required The owner or operator of a proposed major stationary source or major modification shall submit all information necessary to perform any analysis or make any determination required under this rule.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-12</td>
<td>(C)</td>
<td>required The information required under paragraph (A) of this rule shall include</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-13</td>
<td>(A)</td>
<td>shall . . . no . . . source . . . shall begin actual construction unless . . . the requirements . . . of the Administrative Code have been met</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-13</td>
<td>(B)</td>
<td>shall Rules 3745-31-10 to 3745-31-20 of the Administrative Code shall apply to any major stationary source</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-13</td>
<td>(D)(1)(d)</td>
<td>shall Such notice shall be given to the director</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-13</td>
<td>(H)(1)(f)</td>
<td>required Any net increase of one hundred tons per year or more of VOCs or nitrogen oxides for the purpose of ozone subject to the attainment provisions of this chapter would be required to perform . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-14</td>
<td>(B)</td>
<td>require Criteria air pollutants that require pre-application analysis.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(B)</td>
<td>shall Any application for a major stationary source or major modification shall contain an analysis</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-14</td>
<td>(C)</td>
<td>shall the pre-application analysis shall contain such air quality monitoring data as the director determines is necessary</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(D)</td>
<td>shall the pre-application analysis shall contain air quality monitoring data</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-14</td>
<td>(E)</td>
<td>required The continuous air monitoring data that is required under the pre-application analysis shall . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-14</td>
<td>(E)</td>
<td>shall . . . air monitoring data . . . shall have been gathered over a period of one year . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-14</td>
<td>(E)</td>
<td>shall . . . and shall represent the year preceding receipt of the application . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(E)</td>
<td>shall . . . except that, if the director determines that a[n] . . . adequate analysis can be accomplished with . . . data gathered over a (shorter) period . . . the data that is required shall have been gathered over at least that shorter period.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(E)</td>
<td>required the data that is required shall have been gathered over at least that shorter period.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(F)</td>
<td>required satisfies all conditions of paragraph (A) of rule 3745-31-22 of the Administrative Code may provide post-approval monitoring data for ozone in lieu of providing pre-construction data as required under paragraph (B)(1) of this rule.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-14</td>
<td>(G)</td>
<td>shall Any owner . . . shall, after construction . . . conduct such ambient monitoring as the director determines is necessary</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 51.166</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>OAC Rule §</td>
<td>Paragraph</td>
<td>Delegated</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-31-14</td>
<td>(H)</td>
<td>shall</td>
<td>Any owner . . . shall meet the requirements of 40 CFR part 56, appendix A during the operation of monitoring stations for purposes of satisfying paragraph (C) of this rule.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-15</td>
<td>(B)</td>
<td>shall</td>
<td>A major stationary source or major modification shall meet each applicable emission limitation under the Ohio [SIP] and each applicable federal law standard and standard of performance under 40 CFR Parts 60, 61 and 63.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-15</td>
<td>(C)</td>
<td>shall</td>
<td>The owner . . . shall apply BACT</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-15</td>
<td>(D)</td>
<td>shall</td>
<td>A major modification shall apply BACT</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-15</td>
<td>(E)</td>
<td>shall</td>
<td>For phased construction NSR projects, the determination of BACT shall be reviewed and modified . . . no more than eighteen months prior to commencement of construction of each . . . phase . . . the owner or operator of the stationary source may be required to demonstrate the adequacy of any previous determination of BACT.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-15</td>
<td>(F)</td>
<td>required</td>
<td>. . . the owner or operator of the stationary source may be required to demonstrate the adequacy of any previous determination of BACT . . .</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-16</td>
<td>(B)</td>
<td>shall</td>
<td>Any owner . . . shall demonstrate that allowable emissions increases . . . would not cause or contribute to air pollution in violation of:</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-16</td>
<td>(C)</td>
<td>required</td>
<td>For purposes of PMZ 5, the demonstration required in paragraph (B) . . .</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-17</td>
<td>(B)</td>
<td>shall</td>
<td>Any owner . . . shall provide an analysis of the impairment to visibility, soils and vegetation that would occur as a result of the stationary source or modification and general commercial, residential, industrial and other growth</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-17</td>
<td>(C)</td>
<td>shall</td>
<td>This analysis shall be submitted with the permit-to-install application.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-17</td>
<td>(C)</td>
<td>shall</td>
<td>The owner . . . shall provide an analysis of the air quality impact . . . as a result of general commercial, residential, industrial and other growth</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-18</td>
<td>(B)</td>
<td>required</td>
<td>All estimates of ambient concentrations required under rule 3745-31-10 . . . through rule 3745-31-27 . . . shall be based upon the applicable air quality models, databases and other requirements specified in . . . Appendix W</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-18</td>
<td>(B)</td>
<td>shall</td>
<td>All estimates of ambient concentrations required under rule 3745-31-27 . . . shall be based upon the applicable air quality models, databases and other requirements specified in . . . Appendix W</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-18</td>
<td>(C)</td>
<td>must</td>
<td>Written approval of the administrator of the United States environmental protection agency must be obtained for any change or substitution.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-18</td>
<td>(C)</td>
<td>must</td>
<td>. . . in addition, use of a changed or substituted model must be subject to notice and opportunity for public comment under procedures developed in accordance with Chapter 3745-49 of the Administrative Code.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(B)</td>
<td>shall</td>
<td>The director shall, upon request, transmit to the regional administrator . . . a copy of each permit application . . . subject to this rule and provide notice to the administrator of every action</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(C)</td>
<td>shall</td>
<td>The director shall consider comments from a federal land manager</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(C)</td>
<td>shall</td>
<td>If the director concurs with such demonstration, the permit shall not be issued.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(D)</td>
<td>shall</td>
<td>The owner or operator of a proposed major stationary source or major modification shall demonstrate to the federal land manager</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(F)(1)</td>
<td>shall</td>
<td>The recommendations of the governor and the federal land manager shall be transferred to the president of the United States in any case where the governor recommends a variance in which the federal land manager does not concur;</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-19</td>
<td>(G)</td>
<td>shall</td>
<td>Stationary source or modification shall comply with emission limitations</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-20</td>
<td>(B)(1)</td>
<td>shall</td>
<td>(1) The director . . . may determine that the major stationary source or major modification may employ a system of innovative control technology if: (2) The owner or operator agrees to achieve a level of continuous emission reduction equivalent to BACT by a date specified by the director. Such date shall not be later than four years from the time of start-up or seven years from permit issuance.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-20</td>
<td>(B)(3)</td>
<td>required</td>
<td>. . . employing the system of innovative control technology would be required to meet on the date specified by the director.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-20</td>
<td>(C)</td>
<td>shall</td>
<td>The director shall withdraw any approval to employ a system of innovative control technology made under this rule if either of the following occur:</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-20</td>
<td>(C)(1)</td>
<td>required</td>
<td>The proposed system fails by the specified date to achieve the required emission rate.</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-20</td>
<td>(C)(2)</td>
<td>required</td>
<td>If a proposed major stationary source or major modification fails to meet the required level of continuous emission reduction within the specified time period, . . .</td>
<td>3704.03(7)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 165, and 169; 40 CFR 11.166</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-31-21</td>
<td>(A)</td>
<td>shall</td>
<td>No owner or operator . . . shall begin actual construction</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(B)</td>
<td>shall</td>
<td>Rules 3745-31-21 to 3745-31-27 . . . shall apply to any major stationary source and any major modification</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(D)</td>
<td>shall</td>
<td>Major stationary sources and major modifications of PM10 precursors shall be subject to the control requirements that are applicable under plans in effect under Section 189 of the Clean Air Act</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(K)</td>
<td>shall</td>
<td>Consistent with the [CAA], [ODPA] shall apply the following requirements for clean coal technology demonstrations:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(E)(2)</td>
<td>shall not</td>
<td>Installation, operation, cessation, or removal of a temporary clean coal technology demonstration project shall not subject such demonstration project to the requirements of Section 111 or Part D of Title I of the [CAA].</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(E)(3)</td>
<td>shall not</td>
<td>For permanent clean coal technology demonstration projects that constitute repowering . . . any qualifying clean coal technology demonstration project shall not be subject to standards of performance under Section 111 . . . to the review and permitting requirements of Part C of Title I of the [CAA] for any air pollutant the potential emissions of which will not increase as a result of the . . . project.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(E)(4)</td>
<td>shall not</td>
<td>. . . changes . . . associated with the commencement of . . . operations by a coal-fired utility unit after a period of discontinued operation shall not subject the . . . unit to the requirements of Section 111 or Part C of Title I . . . where the emissions unit:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(F)</td>
<td>shall</td>
<td>. . . the applicable conditions of this rule shall also be met for secondary emissions.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-21</td>
<td>(J)</td>
<td>required</td>
<td>Consideration of the indirect impacts of motor vehicles and aircraft traffic regulated under Title II of the Clean Air Act (motor vehicles and aircraft) is not required under this rule.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(1)</td>
<td>required</td>
<td>The major stationary source or major modification is required to meet an emission limitation that specifies the LAER for such stationary source.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(1)</td>
<td>must</td>
<td>Any permits issued without an enforceable numerical emission standard must contain enforceable conditions which assure that the design characteristics or equipment will be properly maintained...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(1)</td>
<td>required</td>
<td>The LAER is required only for those major nonattainment air pollutants for which the increased allowable emissions exceed...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(1)</td>
<td>require</td>
<td>although the director may choose to require LAER for air pollutants that do not exceed these values...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(1)</td>
<td>must</td>
<td>The new emission limitations for the new stationary source as well as any existing stationary sources affected must be federally enforceable.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(2)</td>
<td>shall</td>
<td>The applicant shall certify that all existing major stationary sources owned or operated by the applicant . . . Ohio as the proposed major stationary source or major modification are in compliance</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(a)</td>
<td>required</td>
<td>Emission reductions (offsets) . . . are required such that there will be reasonable progress...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(b)</td>
<td>may not</td>
<td>Only intra air pollutant emission offsets will be acceptable (e.g., hydrocarbon increases may not be offset against sulfur dioxide reductions) except interprecursor offsetting...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(c)</td>
<td>must</td>
<td>Emission offsets must meet the baseline limitations...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(d)</td>
<td>required</td>
<td>Emission offsets are required only for those air pollutants for which the increased allowable emissions exceed the significant emission rates.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(e)</td>
<td>must</td>
<td>The total tonnage of increased emissions . . . that must be offset in accordance with Section 173 of the Clean Air Act...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(3)(f)</td>
<td>shall</td>
<td>The total tonnage of increased emissions . . . that must be offset in accordance with Section 173 of the [CAA] shall be determined by . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(A)(4)</td>
<td>must</td>
<td>The emission offsets must provide a positive net air quality benefit in the affected area pursuant to rule 3745-31-25...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(B)(1)</td>
<td>required</td>
<td>The director may exempt the following major stationary sources or major modifications from the limitation required under paragraph (A)(3) . . .</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(B)(1)</td>
<td>required</td>
<td>The director may exempt the following major stationary sources or major modifications from . . . the emission offsets required under paragraphs (A)(3)(a) and (A)(4)(a) of this rule:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-22</td>
<td>(B)(1)</td>
<td>must</td>
<td>Major stationary sources that must switch fuels due to lack of adequate fuel supplies...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-22</td>
<td>(B)(1)</td>
<td>required</td>
<td>. . . or where a major stationary source is required to be modified as a result of new United States environmental protection agency regulations...</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-22</td>
<td>(B)(2)</td>
<td>required</td>
<td>The director may exempt the following major stationary sources or major modifications from the emission offsets required under paragraphs (A)(3) and (A)(4)(a) of this rule:</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Sections 110(a), 171, and 173; 40 CFR 51.165</td>
<td>SP</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
</tr>
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</tr>
<tr>
<td>3745-31-23</td>
<td>(b)</td>
<td>shall</td>
<td>Major stationary sources or major modifications . . . shall meet the LER . . . of rule 3745-31-22 . . . the compliance certification . . . of rule 3745-31-22 . . . and the net air quality benefit . . . of rule 3745-31-22 . . . and the net air quality benefit . . . shall not be used as offset credit.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-23</td>
<td>(c)(3)</td>
<td>shall</td>
<td>. . . if a designated nonattainment area is projected to be an attainment area as part of an approved Ohio state implementation plan control strategy by the new stationary source start-up date, offsets will not be required if the new stationary source would not cause a new violation.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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</tr>
<tr>
<td>3745-31-23</td>
<td>(C)(4)</td>
<td>required</td>
<td>. . . if the major stationary source is required to meet a more stringent emission limitation and/or . . . compliance certification . . . of rule 3745-31-22 . . . and the net air quality benefit . . . of rule 3745-31-22 . . . and the net air quality benefit . . . shall not be used as offset credit.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-23</td>
<td>(D)(1)(a)</td>
<td>required</td>
<td>The major stationary source is required to meet a more stringent emission limitation and/or . . . compliance certification . . . of rule 3745-31-22 . . . and the net air quality benefit . . . of rule 3745-31-22 . . . and the net air quality benefit . . . shall not be used as offset credit.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-23</td>
<td>(D)(1)(b)</td>
<td>must</td>
<td>Any permits issued without an enforceable numerical emission standard must contain enforceable conditions . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-23</td>
<td>(D)(1)(b)</td>
<td>shall</td>
<td>Such conditions shall be enforceable as emission limitations by private parties under Section 304 of the Clean Air Act . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-23</td>
<td>(D)(2)</td>
<td>must</td>
<td>The new emission limitations for the major stationary source as well as any existing stationary sources affected must be federally enforceable.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(B)(1)</td>
<td>shall</td>
<td>The baseline for determining credit for emission offsets shall be the emission limit under the Ohio state implementation plan in effect at the time the application to construct or modify a source is filed . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(B)(1)</td>
<td>required</td>
<td>. . . credit for emission offset purposes may be allowed for existing control that goes beyond that required by the Ohio state implementation plan . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(B)(3)</td>
<td>shall</td>
<td>. . . the emission offset baseline involving such sources shall be the actual emissions determined in accordance with the following:</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(B)(3)</td>
<td>(a)</td>
<td>The baseline emissions . . . shall be calculated using the actual emissions definition . . . in rule 3745-31-01</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-24</td>
<td>(B)(3)(a)</td>
<td>shall</td>
<td>The director shall allow a pounds per hour averaging period . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>Yes</td>
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</tr>
<tr>
<td>3745-31-24</td>
<td>(D)</td>
<td>shall not</td>
<td>. . . if being burned at the time the major stationary source application is filed . . . if the existing owner or operator of the stationary source has switched to a different type of fuel at some earlier date, any resulting emission reduction (either actual or allowable) shall not be used for emission offset credit.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-24</td>
<td>(D)</td>
<td>require</td>
<td>. . . emission offset credit based on the allowable emissions for the fuel involved is not acceptable unless the permit is conditioned to require the use of specific alternative control measures . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-24</td>
<td>(E)</td>
<td>shall</td>
<td>The applicant must provide information to the director that documents that adequate long-term supplies of the new fuel are available.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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</tr>
<tr>
<td>3745-31-24</td>
<td>(F)(3)</td>
<td>required</td>
<td>Testing of rocket motors or engines at the major stationary source is required for a program essential to the national security.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-24</td>
<td>(H)</td>
<td>required</td>
<td>. . . bank any resulting reductions beyond those required by the Ohio state implementation plan for use under this ruling . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-24</td>
<td>(H)</td>
<td>may not</td>
<td>The director may not approve the construction of a major stationary source using banked offsets if . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(I)</td>
<td>shall</td>
<td>Where a stationary source is subject to an emission limitation established in a(n) NSPS or a(n) NESHAPS . . . and a different Ohio SIP limitation shall be used as a baseline for determining credit for emission offsets.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(I)</td>
<td>may not</td>
<td>The difference in emissions between the Ohio SIP and the [NSPS] or [NESHAPS] for such stationary source may not be used as offset credit.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(J)</td>
<td>may not</td>
<td>The applicant may not provide information to the director that documents that adequate long-term supplies of the new fuel are available.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-31-24</td>
<td>(M)</td>
<td>shall</td>
<td>All emission reductions claimed as offset credit shall be federally enforceable.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-25</td>
<td>(B)</td>
<td>shall</td>
<td>The owner or operator shall obtain creditable emission reductions . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>3745-31-25</td>
<td>(C)</td>
<td>may not</td>
<td>. . . simple area wide mass emission offsets may not be appropriate.</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-25</td>
<td>(C)</td>
<td>require</td>
<td>. . . the director may require atmospheric dispersion modeling . . .</td>
<td>3704.03(D)</td>
<td>Fed</td>
<td>OAC Sections 110(a), 171, and 40 CFR 51.165</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>
Removal would require state or federal law change?  
Federally delegated program?  
Requirement on the agency or director?

<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
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<tbody>
<tr>
<td>3745-31-25</td>
<td>(C)</td>
<td>shall</td>
<td>This modeling shall be conducted in accordance with the director’s guidance.</td>
<td>3704.03(J)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(A)</td>
<td>shall</td>
<td>In meeting the emissions offset in rules 3745-31-21 to 3745-31-27 ... the following shall occur:</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(A)(1)</td>
<td>shall</td>
<td>The ratio of total actual emissions reductions to the emissions increase shall be at least 1.0 to 1.0 ...</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(A)(2)</td>
<td>shall</td>
<td>The emissions offsets obtained shall be for the same regulated NSR pollutant except for interprecursor offsetting</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(C)(1)</td>
<td>shall</td>
<td>In areas that are not classified as marginal, moderate, serious, or extreme areas, the offset ratio shall be greater than 1.0 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(C)(2)</td>
<td>required</td>
<td>Marginal areas, the minimum required offset ratio is 1.1 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(C)(3)</td>
<td>required</td>
<td>Moderate areas, the minimum required offset ratio is 1.5 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(C)(4)</td>
<td>required</td>
<td>Serious areas, the minimum required offset ratio is 1.2 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(C)(5)</td>
<td>required</td>
<td>Severe areas, the minimum required offset ratio is 1.3 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(C)(6)</td>
<td>required</td>
<td>Extreme areas, the minimum required offset ratio is 1.5 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(D)(1)(a)</td>
<td>required</td>
<td>When using sulfur dioxide emission reductions for PM2.5 emission increases, the minimum required offset ratio is 40.0 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-26</td>
<td>(D)(2)(a)</td>
<td>required</td>
<td>When using nitrogen oxides emission reductions for PM2.5 emission increases, the minimum required offset ratio is 200.0 to 1.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(D)(2)(b)</td>
<td>required</td>
<td>When using PM2.5 emission reductions for nitrogen oxide emission increases, the minimum required offset ratio is 1.0 to 200.0.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-26</td>
<td>(E)</td>
<td>shall not</td>
<td>Paragraph (A) of this rule shall not apply in areas designated nonattainment for ozone that have been granted a nitrogen oxide waiver under Section 182(f) of the [CAA]</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-27</td>
<td>(A)(1)(b)</td>
<td>shall</td>
<td>The director shall review and approve the emission offsets</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-27</td>
<td>(A)</td>
<td>must</td>
<td>The emission reduction committed to must be enforceable by authorized state or local agencies and under the Clean Air Act.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-27</td>
<td>(A)</td>
<td>must</td>
<td>and must be accomplished by the new major stationary source’s start-up date.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-27</td>
<td>(A)</td>
<td>must</td>
<td>If emission reductions are to be obtained in a state that neighbors the state in which the new major stationary source is to be located, the emission reductions committed to must be enforceable by the neighboring state and/or local agencies and under the Clean Air Act.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-27</td>
<td>(A)(2)</td>
<td>must</td>
<td>State or community initiated offsets either must be submitted as a Ohio state implementation plan revision</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-27</td>
<td>(A)(2)</td>
<td>must</td>
<td>or must be contained in a federally enforceable permit.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-27</td>
<td>(A)</td>
<td>required</td>
<td>Where the new major stationary source is a replacement for a major stationary source that is being shut down in order to provide the necessary offsets, the director may allow up to one hundred eighty days for shakedown of the new major stationary source before the existing major stationary source is required to cease operation.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Sections 110(a), 171, 40 CFR 1165</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(D)(1)</td>
<td>shall</td>
<td>The permit application for a major MACT source to which this rule applies shall specify a control technology ...</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Section 112(j)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(D)(1)(U)</td>
<td>shall</td>
<td>... the application for a MACT determination shall contain the following information:</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Section 112(j)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(D)(1)(U)</td>
<td>required</td>
<td>In each case where a constructed or reconstructed major MACT source would require additional control technology or change in control technology, the application for a MACT determination shall contain the following information:</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Section 112(j)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(D)(1)(F)</td>
<td>required</td>
<td>The MACTs to be emitted by the constructed or reconstructed major MACT source, and the estimated emission rate for each such HAP, to the extent that this information is required by the director.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Section 112(j)</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(D)(1)(k)</td>
<td>required</td>
<td>Any other relevant information required pursuant to 40 CFR Part 63, Subpart A.</td>
<td>3704.03(T)</td>
<td>Fed</td>
<td>CA: Section 112(j), 40 CFR Part 63, Subpart A</td>
<td>SIP</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-31-28</td>
<td>(D)(2)</td>
<td>shall</td>
<td>In each case where an applicant contends that a constructed or reconstructed major MACT source will be in compliance, upon startup, with case-by-case MACT without a change in control technology, the application shall contain the following information.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-28</td>
<td>(E)</td>
<td>shall</td>
<td>The following general principles shall govern preparation by the applicant of each permit application requiring a MACT determination.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(E)(1)</td>
<td>shall not</td>
<td>The MACT emission limitation or MACT requirements recommended by the applicant and approved by the director shall not be less stringent than the emission control which is achieved in practice by the best controlled similar source, as determined by the director.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(E)(2)</td>
<td>shall</td>
<td>The MACT emission limitation and control technology recommended by the applicant and approved by the director shall achieve the maximum degree of reduction of HAP emissions.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>3745-31-28</td>
<td>(E)(4)</td>
<td>shall</td>
<td>The MACT requirements applied to the source shall have considered those emission limitations and requirements of the proposed MACT standard or presumptive MACT determination.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(E)(5)</td>
<td>shall</td>
<td>Any permit-to-install containing a MACT determination shall include all monitoring, testing, recordkeeping, and reporting requirements necessary to ensure initial and ongoing compliance of the major MACT source with the MACT determination.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(G)</td>
<td>shall</td>
<td>The effective date of the MACT determination shall be the date of issuance of the permit-to-install.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-28</td>
<td>(H)</td>
<td>shall</td>
<td>On and after the date of start-up, a major MACT source which required a case-by-case MACT determination shall be in compliance with all the applicable requirements of the MACT determination as specified in the final permit-to-install.</td>
<td>3704.03(F)</td>
<td>Fed</td>
<td>CAA Section 112(j)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(1)</td>
<td>shall</td>
<td>A model general permit shall apply to the following:</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(2)</td>
<td>shall</td>
<td>A model general permit shall identify criteria by which an air contaminant source may qualify for the associated general permit.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(2)</td>
<td>shall</td>
<td>and shall include terms and conditions under which the owner or operator agrees to install and/or operate the permitted air contaminant source.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-29</td>
<td>(A)(2)</td>
<td>shall</td>
<td>At a minimum, these terms and conditions shall include the following:</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(3)</td>
<td>shall</td>
<td>The director shall provide an opportunity for public comment on the form and content of a model general permit as follows:</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(3)(a)</td>
<td>shall</td>
<td>The director shall announce availability for comment on draft model general permits under development...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(3)(a)</td>
<td>shall</td>
<td>The director shall publish notice...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(3)(b)</td>
<td>shall</td>
<td>The director shall announce the final form of model general permits that were under development by publishing notice in...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(4)</td>
<td>shall</td>
<td>Model general permits shall be reviewed at least once every five years from the date of announcement of the final form.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(4)(a)</td>
<td>shall</td>
<td>The review of the model general permit shall follow the same procedures for public comment as...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(A)(5)</td>
<td>shall</td>
<td>Modifications to model general permits shall follow the same procedures.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(C)(1)</td>
<td>shall</td>
<td>Owners or operators of air contaminant sources requesting a general permit-to-install or general PTIO shall do so using the forms prepared by the Ohio environmental protection agency.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(C)(2)</td>
<td>shall</td>
<td>The application submitted shall comply with the requirements listed under rule 3745-31-04...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(D)(1)</td>
<td>shall</td>
<td>The director, at the director's discretion, shall issue either a draft action or a final action within forty-five days...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(D)(2)</td>
<td>shall</td>
<td>The director shall comply with the procedures for notification under Chapter 3745-49 of the Administrative Code prior to issuing a general permit-to-install or general PTIO as follows:</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(D)(2)(a)</td>
<td>shall</td>
<td>The director shall provide notification of requests by owners or operators of an air contaminant source to be covered under the terms of the general permit-to-install or general PTIO.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-31-29</td>
<td>(D)(2)(a)</td>
<td>shall</td>
<td>The director shall publish notice in a newspaper of general circulation in each county in which the air contaminant source would be constructed, and provide electronic notification to interested parties.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed</td>
<td>CAA Section 110(a)</td>
<td>S/P</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Removal would require state or federal law change?

Federally delegated program?

Requirement on the agency or director?

OAC Rule § 3745-31-29 01(1)(b) shall The director shall maintain, and make available to the public upon request, a list of all air contaminant source that have obtained a general permit-to-install or general PTIO. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-29 01(4) shall Authorization to construct under the general permit-to-install or general PTIO shall be granted by the director in the form of a final permit action. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-29 05 shall A general PTIO shall be effective for a period of time consistent with the requirements of division (F) of section 3704.03 of the Revised Code. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-29 06(1) shall The owner or operator shall submit an application with reasons supporting the request. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-29 07 shall An air contaminant source's owner or operator who requests and is granted authority to install under a general permit-to-install or general PTIO shall be subject to enforcement. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-29 09(1) must The application must include all information necessary to determine qualification for, and to assure compliance with, the general permit-to-install or general PTIO. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-29 09(1) must the owner or operator must apply for and obtain either a general permit-to-install... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-29 09(2) must the owner or operator must apply for and obtain either a general permit-to-install... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-29 09(1) must the owner or operator must submit a request to the director, with supporting documentation, for that request. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 01(1) may not The owner or operator of a new or modified air contaminant source that qualifies for a general permit-to-install or general PTIO may not begin actual construction... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 01(4) may not All PALs issued under this rule shall meet all applicable provisions in this rule. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 01(11) shall The terms PAL shall mean actuals PAL throughout this rule. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 01(2) shall not The director shall not allow an actuals PAL for VOC or nitrogen oxides for any major stationary source located in an extreme ozone nonattainment area. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 01(6) shall Except as provided under paragraph 01(3)(c) of this rule, a major stationary source shall continue to comply with... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(8) shall As part of a permit application requesting a PAL, the owner or operator of a major stationary source shall submit the following... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(8) shall the owner or operator of the source shall indicate which, if any, federal or state applicable requirements... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(10) shall annual emissions based on a twelve-month rolling total for each month as required by paragraph 03(1) of this rule. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(12) shall The requirements under this paragraph, at a minimum, shall be met for each PAL at a major stationary source. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(14) shall The PAL shall require an annual emission limitation. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(14)(a) shall the major stationary source owner or operator shall show that the sum of the monthly emissions... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(14)(b) shall the major stationary source owner or operator shall show that the sum of the preceding monthly emissions... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(15) shall The PALs shall be established in a PAL permit that meets the requirements in paragraph (2) of this rule. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(15)(1) shall the PAL permit shall contain all the requirements of paragraph (9) of this rule. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(15)(2) shall The PAL shall include fugitive emissions, to the extent quantifiable, from all emissions units... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(15)(2) shall Each PAL shall regulate emissions of only one pollutant. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(15)(2) shall Each PAL shall have a PAL effective period of ten years. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(15)(2) shall The owner or operator of the major stationary source with a PAL shall comply with... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(15)(2) shall The director shall issue all typographical/calculation error reopenings (as described in paragraph (03)(2)(a)) of this rule to PAL permits... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(11)(b) shall The director shall issue all PAL permits not otherwise described in paragraph (D)(1) of this rule as draft actions... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes Yes

3745-31-32 03(11)(c) shall The actuals PAL level for a major stationary source shall be established as the sum of the baseline actual emissions... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(15) shall When establishing the actuals PAL level, for a PAL pollutant, only one consecutive twenty-four-month period must be used to determine the baseline actual emissions... 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No

3745-31-32 03(15) shall Emissions associated with emissions units that were permanently shutdown after this twenty-four-month period must be subtracted from the PAL level. 3704.03(F), 3704.03(G) Fed CAA Section 110(a) SIP Yes No
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<tr>
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<th>Paragraph</th>
<th>Description/Quote</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-31-32</td>
<td>(E)(2)</td>
<td>must Emissions from emissions units on which actual construction began after the twenty-four-month period must be added to the PAL level in an amount equal to the potential to emit of the units.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-31-32</td>
<td>(E)(3)</td>
<td>shall The director shall specify a reduced PAL level, in tons per year, in the PAL permit to become effective on the future compliance date, if the source owner or operator would not be required to reduce emissions from industrial boilers in half from baseline emissions.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-32</td>
<td>(E)(4)</td>
<td>required For instance, if the source owner or operator will be required to reduce emissions from industrial boilers in half from baseline emissions...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
<td></td>
<td></td>
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<tr>
<td>3745-31-32</td>
<td>(F)</td>
<td>shall ...then the PAL permit shall contain a future effective...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>3745-31-32</td>
<td>(G)</td>
<td>must ...in lieu of adding the baseline actual emissions as specified in paragraph (E)(2) of this rule, the emissions must be added to...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-31-32</td>
<td>(H)</td>
<td>shall The PAL permit shall contain, at a minimum, the following information:</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-31-32</td>
<td>(I)</td>
<td>shall ...the PAL shall not expire at the end of the PAL effective period.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
<td></td>
<td></td>
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<tr>
<td>3745-31-32</td>
<td>(J)(1)</td>
<td>shall It shall remain in effect until a revised PAL permit is issued by the director.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(2)</td>
<td>shall The calculation procedures that the major stationary source owner or operator shall use to convert the monitoring system data...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(3)</td>
<td>required ...annual emissions based on a twelve-month rolling total for each month as required by paragraph (J)(1) of this rule.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(4)</td>
<td>required A requirement to retain the records required under paragraph (J) of this rule on site. Such records may be retained in an electronic format.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<td>3745-31-32</td>
<td>(J)(5)</td>
<td>required A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(6)</td>
<td>required A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(7)</td>
<td>required A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(J)(8)</td>
<td>required A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<td>3745-31-32</td>
<td>(J)(9)</td>
<td>required A requirement to submit the reports required under paragraph (M) of this rule by the required deadlines.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(1)</td>
<td>shall Each emissions unit (or each group of emissions units) that existed under the PAL shall comply with an allowable emission limitation...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(2)</td>
<td>shall Within the time frame specified for PAL renewals in paragraph (H)(2) of this rule, the major stationary source shall submit a proposed allowable emission limitation...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(3)</td>
<td>required ...if the PAL had not yet been adjusted for an applicable requirement that became effective during the PAL effective period, as required under paragraph (X)(5)...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP No</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(4)</td>
<td>required ...such distribution shall be made as if the PAL had been adjusted.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(5)</td>
<td>shall The director shall decide whether and how the PAL allowable emissions will be distributed and issue a revised permit...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(6)</td>
<td>shall Each emission unit shall comply with the allowable emission limitation established without regard to the source wide emission cap...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(7)</td>
<td>required Until the director issues the revised permit incorporating allowable limits for each emissions unit, or each group of emissions units, as required under paragraph (L)(5)(a) of this rule...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(8)</td>
<td>shall ...the source shall continue to comply with a source-wide, multi-unit emissions cap equivalent to the level of the PAL emission limitation.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>No</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(9)</td>
<td>required The information under paragraph (L)(1) of this rule.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(10)</td>
<td>required In determining whether and how to adjust the PAL, the director shall consider the following requirements...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(11)</td>
<td>required The director shall adjust the PAL to a level no greater than the potential to emit of the source.</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
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<tr>
<td>3745-31-32</td>
<td>(L)(12)</td>
<td>shall The director shall not approve a revised PAL level higher than the current PAL, unless...</td>
<td>3704.03(7)</td>
<td>Fed 40 CFR 51.165(f) and 40 CFR 52.21(aa)</td>
<td>SIP Yes</td>
<td>Yes</td>
<td></td>
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</tbody>
</table>
3745-31-32 (j)(5) shall The compliance date for a state or federal requirement that applies to the PAL source occurs during the PAL effective period, and if the director has not already adjusted for such requirement, the PAL shall be adjusted at the time of PAL permit renewal or Title V permit renewal, whichever occurs first.

3745-31-32 (j)(11)(a) shall The owner or operator of the major stationary source shall submit a complete application...

3745-31-32 (j)(11)(a) shall Each application or submittal shall identify the emissions unit contributing to the increase in emissions...

3745-31-32 (j)(11)(b) shall As part of this application, the major stationary source owner or operator shall demonstrate that the sum of the baseline actual emissions...

3745-31-32 (j)(11)(b) shall The level of control that would result from BACT equivalent controls on each PAL significant or PAL major emissions unit shall be determined by conducting a new BACT analysis at the time the application is submitted...

3745-31-32 (j)(11)(b) shall ...unless the emissions unit is currently required to comply with a BACT or LAER requirement that was established within the preceding ten years...

3745-31-32 (j)(11)(b) shall In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.

3745-31-32 (j)(13)(b) must In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.

3745-31-32 (j)(11)(c) shall ...These emissions unit shall comply with any requirements resulting from the major NSR program process...

3745-31-32 (j)(11)(d) shall The PAL permit shall require...

3745-31-32 (j)(11)(d) require The PAL permit shall require...

3745-31-32 (j)(14) shall The director shall calculate the new PAL as the sum of the PAL allowable emissions for each modified or new emissions unit...

3745-31-32 (j)(1) The PAL permit shall be reviewed to reflect the increased PAL level pursuant to the public notice requirements...

3745-31-32 (j)(1) must Each PAL permit must contain enforceable requirements for the monitoring system...

3745-31-32 (j)(1) must The PAL permit must be based on the PAL level.

3745-31-32 (j)(1) must Additionally, the information generated by such system must meet minimum legal requirements..

3745-31-32 (j)(1) must The PAL monitoring system must employ one or more of the four general monitoring...

3745-31-32 (j)(1) must ...and must be approved by the director...

3745-31-32 (j)(3) An owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following:

3745-31-32 (j)(3) An owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following:

3745-31-32 (j)(3) The director shall calculate the new PAL as the sum of the PAL allowable emissions for each modified or new emissions unit...

3745-31-32 (j)(3) must CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B.

3745-31-32 (j)(4) An owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following:

3745-31-32 (j)(4) must CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B.

3745-31-32 (j)(4) must The CPMS or PEMS must sample, analyze and record data at least fifteen minutes while the emissions unit is operating.

3745-31-32 (j)(4) must The CPMS or PEMS must be based on current site-specific data...

3745-31-32 (j)(4) must The CPMS or PEMS must sample, analyze, and record data at least every fifteen minutes.

3745-31-32 (j)(4) An owner or operator using emission factors to monitor PAL pollutant emissions shall meet the following:

3745-31-32 (j)(4) must All emission factors shall be adjusted, if appropriate, to account for the degree of uncertainty or limitations in the factors' development.

3745-31-32 (j)(4) must The emission factor shall operate within the designated range of use for the emission factor, if applicable.

3745-31-32 (j)(5)(c) must The owner or operator of a PAL significant emissions unit that relies on an emission factor to calculate PAL pollutant emissions shall conduct validation testing...

3745-31-32 (j)(6)(a) must The owner or operator of a PAL significant emissions unit that relies on an emission factor to calculate PAL pollutant emissions shall conduct validation testing...

3745-31-32 (j)(6)(c) required ...conduct validation testing to determine a site-specific emission factor within six months of PAL permit issuance, unless the director determines that testing is not required.

3745-31-32 (j)(7) must A source owner or operator must record and report maximum potential emissions...

3745-31-32 (j)(8) must The director shall, at the time of PAL permit issuance, do the following:

3745-31-32 (j)(9) must All data used to establish the PAL pollutant must be re-validated through performance testing...

3745-31-32 (j)(9) must Such testing must occur at least once every five years after issuance of the PAL.

3745-31-32 (j)(10) must The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(11) require The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(12) require The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(13) require The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(14) require The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(15) must The PAL permit shall require an owner or operator to retain a copy...

3745-31-32 (j)(16) must The PAL permit shall require an owner or operator to retain a copy...
Removal would Federally require state or federally require law or state the federal change? law for this rule?

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<th>OAC Rule #</th>
<th>Paragraph</th>
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<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<tr>
<td>3745-31-32</td>
<td>(M)</td>
<td>shall</td>
<td>The owner or operator shall submit semi-annual monitoring reports and prompt deviation reports...</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
<td></td>
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<tr>
<td>3745-31-32</td>
<td>(M)</td>
<td>shall</td>
<td>The reports shall meet the following:</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(1)</td>
<td>shall</td>
<td>The semi-annual report shall be submitted to the director within thirty days of the end of each reporting period.</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(2)</td>
<td>shall</td>
<td>The major stationary source owner or operator shall promptly submit reports of any deviations or exceedance of the PAL requirements...</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(2)</td>
<td>shall</td>
<td>A report submitted pursuant to paragraph (A)(3)(c)(ii) of rule 3745-77-07 of the Administrative Code shall satisfy this reporting requirement.</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(2)</td>
<td>shall</td>
<td>The deviation reports shall be submitted within the time limits prescribed by the rule 3745-77-07 of the Administrative Code.</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(2)</td>
<td>shall</td>
<td>The reports shall contain the following information:</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-32</td>
<td>(M)(3)</td>
<td>shall</td>
<td>The owner or operator shall submit to the director the results of any re-validation test...</td>
<td>3704.03(F)</td>
<td>Fed 40 CFR 51.165(e) and 40 CFR S2.21(aa)</td>
<td>GIP Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(A)</td>
<td>shall not</td>
<td>...new air contaminant sources or modified air contaminant sources shall not be installed or modified until a final permit-to-install or PTIO is obtained from the director...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(A)(Comment)</td>
<td>may not</td>
<td>Comment: Some activities described in this rule may not begin until any applicable national pollutant discharge elimination system (NPDES) permit, isolated wetland permit or 401 water quality certification is obtained.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<td>3745-31-33</td>
<td>(B)(ii)</td>
<td>may not</td>
<td>...Any costs associated with these design changes may not be used as part of any BAT, BACT, LAER or MACT cost-effectiveness evaluations.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(C)</td>
<td>must</td>
<td>...All construction activities must comply with any applicable fugitive dust requirements contained in rule 3745-17-08 of the Administrative Code.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(F)(5)</td>
<td>required</td>
<td>Installing any permanent roadways and parking areas not required under this chapter to obtain a permit-to-install or PTIO.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(F)(8)(a)</td>
<td>shall not</td>
<td>...The equipment shall not be operated.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(F)(8)(b)</td>
<td>shall not</td>
<td>...The equipment shall not be operated.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
<td></td>
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<tr>
<td>3745-31-33</td>
<td>(G)</td>
<td>shall</td>
<td>...Any activity approved by the director shall meet the requirements described in division (F)(5) of section 3745-03 of the Revised Code...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(G)</td>
<td>shall</td>
<td>...And shall meet all applicable law.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(G)</td>
<td>shall</td>
<td>...A request for approval of these activities shall be made in writing...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-33</td>
<td>(H)</td>
<td>shall</td>
<td>...and shall provide: a detailed description of the desired activities...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>State N/A No Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>shall</td>
<td>...permits-to-install... shall be required as provided in this rule and only to the extent required in 40 CFR Section 51.166...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>shall</td>
<td>...After July 1, 2011, permits to install shall be required as provided in this rule and only to the extent required in 40 CFR Section 51.166...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>required</td>
<td>...shall be required as provided in this rule...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>required</td>
<td>...and only to the extent required in 40 CFR Section 51.166...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
<td></td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>shall</td>
<td>...&quot;CO2 equivalent emissions&quot; and &quot;greenhouse gases&quot; shall have the same meaning as set forth in 40 CFR 51.166...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>required</td>
<td>...shall be required as provided in this rule...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(A)</td>
<td>required</td>
<td>...and only to the extent required in 40 CFR Section 51.166...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
<td></td>
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<tr>
<td>3745-31-34</td>
<td>(B)</td>
<td>shall</td>
<td>...for purposes of this rule, any new stationary source for which actual CO2 equivalent emissions of greenhouse gases do not exceed one hundred thousand tons per year after July 1, 2011, and any existing major stationary source for which the increase in actual CO2 equivalent emissions of actual CO2 equivalent emissions of greenhouse gases do not exceed seventy-five thousand tons per year caused by a physical change or change in the method of operation that occurs after July 1, 2011, shall be deemed to have the potential to emit below the greenhouse gas permitting thresholds set forth in paragraph (A)...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>3745-31-34</td>
<td>(C)(ii)</td>
<td>shall</td>
<td>This rule and any terms or conditions of permits-to-install issued to major stationary sources or for major modifications regarding greenhouse gases shall cease to be effective if any of the following occurs:</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
<td></td>
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<tr>
<td>3745-31-34</td>
<td>(D)</td>
<td>requires</td>
<td>Action by the president of the United States or the president's authorized agent, including the administrator, to repeal, withdraw, suspend, postpone, or stay the amendments to 40 CFR Section 51.166 or to otherwise limit or delay the Administrator's exercise of authority to require preconstruction permitting of sources of greenhouse gas emissions.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes Yes</td>
<td></td>
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<tr>
<td>3745-31-34</td>
<td>(D)</td>
<td>requires</td>
<td>To the extent that any action or determination listed in paragraphs (C)(ii) to (C)(iii) of this rule requires the permitting of any stationary source...</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes Yes</td>
<td></td>
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<tr>
<td>3745-31-34</td>
<td>(D)</td>
<td>shall</td>
<td>...the permitting thresholds in paragraph (A) of this rule shall remain in effect unless and until this rule is amended or rescinded.</td>
<td>3704.03(F), 3704.03(G)</td>
<td>Fed 40 CFR 51.166 Yes Yes No</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-31-34</td>
<td>(F)</td>
<td>shall</td>
<td>No permit to install <strong>shall be required</strong> due to greenhouse gas emissions from any stationary source under this chapter, ...</td>
<td>3704.03(F), 3704.03(G) Fed 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-34</td>
<td>(F)</td>
<td>required</td>
<td>No permit to install <strong>required</strong> due to greenhouse gas emissions from any stationary source under this chapter, ...</td>
<td>3704.03(F), 3704.03(G) Fed 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-34</td>
<td>(F)</td>
<td>shall not</td>
<td>... and greenhouse gases shall not be deemed to be an air contaminant source subject to regulation...</td>
<td>3704.03(F), 3704.03(G) Fed 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-31-34</td>
<td>(F)</td>
<td>shall</td>
<td>Nothing in this rule is intended to be, and nothing in this rule <strong>shall</strong> be interpreted to be, an &quot;emission limitation&quot; or &quot;emission standard&quot; within the meaning of section 302(k) of the Clean Air Act, or a &quot;control requirement&quot; within the meaning of section 193 of the Clean Air Act</td>
<td>2704.03(F), 3704.03(G) Fed 40 CFR 51.166</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-72-01</td>
<td>A</td>
<td>shall</td>
<td>The definition in this rule shall apply to this chapter.</td>
<td>[3704.03(E)] Federal</td>
<td>CAA section 110(a)(2)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-72-03</td>
<td>shall</td>
<td>For the purposes of ascertaining, defining and measuring ambient air quality, lead shall be measured by the test methods in Appendix G.</td>
<td>[3704.03(E)] Federal</td>
<td>CAA section 110(a)(2), 40 CFR Appendix G, Pt. 50</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
<td>Requirement on the agency or director?</td>
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<tr>
<td>3745-73-01</td>
<td>Intro</td>
<td>shall</td>
<td>The definitions in this rule shall apply to this chapter.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(A)</td>
<td>shall</td>
<td>All compliance times and other deadlines set forth in paragraph (C) of this rule shall be measured from November 1, 1984.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(B)</td>
<td>shall</td>
<td>No later than February 1, 1985, any owner or operator of any air contaminant source subject to rule 3745-73-03 of the Administrative Code shall do one of the following:</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(B)(1)</td>
<td>shall</td>
<td>Certify in writing to the director that the source is in compliance with rule 3745-73-03 of the Administrative Code. The certification shall include:</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(B)(2)</td>
<td>shall</td>
<td>The application shall include a compliance program and time schedule which will bring the source into compliance with all the requirements of this rule and rule 3745-73-03 of the Administrative Code as expeditiously as practicable but in no event later than the dates specified in paragraph (C) of this rule, and shall identify all reasonable interim control measures.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(B)(3)</td>
<td>shall</td>
<td>The application shall include a compliance program and time schedule which will bring the source into compliance with all the requirements of this rule and rule 3745-73-03 of the Administrative Code as expeditiously as practicable but in no event later than the dates specified in paragraph (C) of this rule, and shall identify all reasonable interim control measures.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(B)(4)</td>
<td>shall</td>
<td>Any owner or operator of any air contaminant source in violation of the limitations specified in rule 3745-73-03 of the Administrative Code shall comply with the requirements as expeditiously as practicable...</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(1)</td>
<td>shall</td>
<td>in violation of paragraph (A)(1) of the rule 3745-73-03 of the Administrative Code shall achieve final compliance by March 1, 1988.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(2)</td>
<td>shall</td>
<td>In violation of paragraph (A)(2) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(3)</td>
<td>shall</td>
<td>In violation of paragraph (A)(3) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(4)</td>
<td>shall</td>
<td>In violation of paragraph (A)(4) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by November 1, 1986.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(5)</td>
<td>shall</td>
<td>In violation of paragraph (A)(5) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(C)(6)</td>
<td>shall</td>
<td>In violation of paragraph (A)(6) of rule 3745-73-03 of the Administrative Code shall achieve final compliance by July 1, 1986.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(D)</td>
<td>shall</td>
<td>The director may modify the requirements of rule 3745-73-03 of the Administrative Code as those requirements apply to a facility, upon a showing that compliance with a requirement within the prescribed time is technically infeasible, economically unreasonable, or impossible because of conditions beyond the control of the applicant. Any such determination by the director shall be based upon consideration of the remaining useful life of the facility and such other factors as the director deems appropriate.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-73-02</td>
<td>(A)</td>
<td>shall</td>
<td>No owner or operator of any Kraft pulp mill shall cause or permit the emission of total reduced sulfur from the following sources to exceed the following specified limits or federal new source performance standards...</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-03</td>
<td>(B)</td>
<td>shall</td>
<td>No owner or operator of any Kraft pulp mill shall cause or permit the emission of total reduced sulfur from any source not regulated by paragraph (A) of this rule...</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-03</td>
<td>(C)</td>
<td>shall not</td>
<td>Emissions from recovery furnaces which exceed the emission limits contained in this rule, from sources on which construction or modification commenced on or before September 24, 1976, shall not be considered excess emissions if the following occur:</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-03</td>
<td>(D)</td>
<td>shall not</td>
<td>Emissions from lime kilns which exceed the emission limits contained in this rule, from sources on which construction or modification commenced on or before September 24, 1976, shall not be considered excess emissions if the following occur:</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
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<td>3745-73-04</td>
<td>(A)</td>
<td>shall</td>
<td>Compliance with any applicable emission limit for total reduced sulfur as specified in rule 3745-73-03 of the Administrative Code shall be determined according to one of the following:</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
<tr>
<td>3745-73-04</td>
<td>(A)</td>
<td>shall</td>
<td>The continuous monitor shall operate at least seventy per cent of the time during any calendar quarter...</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
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<tr>
<td>3745-73-04</td>
<td>(B)</td>
<td>shall</td>
<td>In the event the monitor malfunctions and is unusable for more than twenty-five per cent of the time during a calendar quarter, the director shall be notified in writing specifying the cause of the monitor malfunction.</td>
<td>3704.03(E)</td>
<td>Federal</td>
<td>111(d) TRS Guideline March 1979 (EPA-450-2-78-0036)</td>
<td>Yes-SP</td>
<td>Yes - Federal</td>
<td>No</td>
</tr>
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</table>
3745-76-01 (B)(1) Shall The following definitions shall apply exclusively to this chapter. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-01 (B)(2) Shall Must terms of volume or mass in the most recent permit issued by the agency responsible for regulating the landfill, plus any in-place waste not accounted for in the most recent permit, if the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, the calculation must include a site-specific density. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-01 (B)(3) Shall Must which must be recalculated annually. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-01 (B)(4) Shall MSW landfill emissions shall be controlled at each MSW landfill meeting the following three conditions. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-03 (B) Shall Any density conversions shall be documented and submitted with the report. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-03 (B)(2) Shall Collected MSW landfill emissions shall be controlled through the use of control devices meeting the conditions. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-04 (C) Shall Each landfill having a design capacity greater than or equal to 2.5 million megagrams or 2.5 million cubic meters shall calculate the NMOC emission rate. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-04 (B)(1) Shall if the NMOC emission rate is calculated to be fifty megagrams or more per year, the owner or operator shall comply with all of the applicable rules in the Administrative Code. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-04 (B)(2) Shall Each active collection system shall meet the requirements of 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-04 (B)(3) Shall and a flare shall meet the requirements of rule 3745-76-03 of the Administrative Code. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-06 (A)(2) Shall Except as provided for under paragraph (B) of this rule, planning, awarding of contracts, and installation of MSW landfill emission collection and control equipment ... shall be accomplished within thirty months after the date the initial NMOC emission rate report. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (A) Shall Submit a plan and design for the collection and control systems capable of meeting rule 3745-76-03 of the Administrative Code shall be accomplished within thirty months ... data of the first annual nonmethane organic compounds emission rate report which equals or exceeds fifty megagrams per year. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B) Shall shall submit an initial design capacity report to the director. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (A)(1) Shall Submittal of the initial design capacity report shall fulfill the requirements of this chapter except as provided for in paragraphs (A)(2) and (A)(3) of this rule. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (A)(2) Shall shall submit to the director an amended design capacity report 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (A)(3) Shall the owner or operator shall comply with the provisions of paragraph (A)(1) of this rule. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B) Shall shall either comply with paragraph (B)(2) of this rule or calculate an NMOC emission rate. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B) Shall the NMOC emission rate shall be recalculated annually. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(1) Shall The owner or operator of an MSW landfill subject to this chapter with a design capacity greater than or equal to 2.5 million megagrams and 2.5 million cubic meters is required to obtain a Title V permit. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(2) Shall shall install a collection and control system in compliance with paragraph (B)(2) of this rule. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(3) Shall permanently closed, a closure notification shall be submitted. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(4) Shall shall: 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(5) Shall collection and control system design plan shall include any alternatives to the operational 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(6) Shall shall provide for in paragraphs (B)(2) and (B)(3) of this rule. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(7) Shall shall include any alternatives to the operational 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(8) Shall shall: 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(9) Shall shall include any alternatives to the operational 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no

3745-76-07 (B)(10) Shall shall include any alternatives to the operational 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
The composite liners shall be designed and installed in accordance with the provisions of paragraph (B)(2)(b) of rule 3745-76-07 of the Administrative Code.

The control device shall be operated within the parameter ranges established for the landfill gas stream be introduced into the flame zone.

The control device shall be designed in accordance with the provisions of paragraph (B)(2)(b)(ii)(b) of rule 3745-76-07 of the Administrative Code.

The owner or operator shall record instances when positive pressure occurs in efforts to avoid a fire. The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart.

Each owner or operator of an MSW landfill with a gas collection and control system used to comply with the provisions of paragraph (B)(2)(b) of rule 3745-76-07 of the Administrative Code shall:

The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The landfill shall be a closed landfill as defined in rule 3745-76-01 of the Administrative Code.

The collection and control system shall have been in operation a minimum of fifteen years from when the first well was installed and put into operation.

The calculated NMOC gas produced by the landfill shall be less than fifty megagrams per year on three successive test dates.

The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart.

The owner or operator shall record instances when positive pressure occurs in efforts to avoid a fire. The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The mean shall be determined using Method 3C of Appendix A of 40 CFR Part 60, unless an alternative method is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code. The mean shall be determined by an oxygen meter.

The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart.

The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The mean shall be determined using Method 3C of Appendix A of 40 CFR Part 60, unless an alternative method is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code. The mean shall be determined by an oxygen meter.

The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart.

The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The mean shall be determined using Method 3C of Appendix A of 40 CFR Part 60, unless an alternative method is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code. The mean shall be determined by an oxygen meter.

The test dates shall be no less than ninety days apart, and no more than one hundred eighty days apart.

The owner or operator shall develop acceptable pressure limits in the design plan for the landfill gas system. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires.

The mean shall be determined using Method 3C of Appendix A of 40 CFR Part 60, unless an alternative method is established as allowed by paragraph (B)(2)(a) of rule 3745-76-07 of the Administrative Code. The mean shall be determined by an oxygen meter.
3745-76-09 (A)(3)(a) Shall The owner or operator shall collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration. 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(3)(b) Shall The landfill owner or operator shall divide the NMOC concentration from Method 25 or Method 25C of Appendix A of 40 CFR part 60 by six to convert from CNMOC as carbon to CNMOC as hexane. 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(3)(c) Shall Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe. 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(3)(d) Shall If more than the required number of samples are taken, all samples shall be used in the analysis. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(3)(e) Shall The concentration of each Method 18 compound shall be converted to CNMOC as hexane by multiplying it by the ratio of its carbon atoms divided by six. 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(3)(f) Shall The sample location on the common header pipe shall be before any condensate removal equipment. 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (A)(4) Shall The landfill owner or operator shall estimate the NMOC mass emission rate. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-09 (B) Shall The following equation shall be used to calculate efficiency. 3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (A) Shall The specified methods in paragraphs (A)(1) to (A)(3) of this rule shall be used to determine whether the gas collection system is in compliance with paragraph 3704.03(E). 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (A)(1) Shall
For the purposes of calculating the maximum expected gas generation flow rate from the landfill to
determine compliance with paragraph (B)(2)(b)(i)(d) of rule 3745-76-07 of the Administrative Code,
one of the following equations shall be used.

3745-76-10 (A)(2) Shall
A value of no more than fifteen years shall be used for the intended use period of the gas mover
equipment.

3745-76-10 (A)(3) Shall
Calculations using the equations in paragraph (A)(1)(a) or (A)(1)(b) of this rule or other methods
shall be used to predict the maximum expected gas generation flow rate.

3745-76-10 (C)(1)(a) Shall
If it has been determined as specified in paragraph (A)(3) of rule 3745-76-06 of the Administrative
Code, the value of k determined from the test shall be used.

3745-76-10 (C)(2) Shall
A value of no more than fifteen years shall be used for the intended use period of the gas mover
equipment.

3745-76-10 (C)(3) Shall
Surface emission monitoring shall be designed to yield a system of vertical wells, horizontal collectors, or other collection devices, satisfactory to the director.

3745-76-10 (C)(3) Shall
If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken.

3745-76-10 (C)(4)(b) Shall
An owner or operator seeking to demonstrate compliance with paragraph (B)(1)(b)(ii)(d) of rule 3745-76-07 of the Administrative Code through the use of a collection system not conforming to the
specifications provided in rule 3745-76-14 of the Administrative Code shall provide information
satisfactory to the director as specified in paragraph (B)(1)(b)(ii)(d) of rule 3745-76-07 of the
Administrative Code demonstrating that off-site migration is being controlled.

3745-76-10 (C)(5) Shall
Each well shall be installed no later than sixty days after the date on which the initial solid waste
has been placed each well or design component as specified in the approved design plan as provided in paragraph
shall be installed as a measure to abate or minimize the migration of explosive gas when the
director orders.

3745-76-10 (C) Shall
After installation of the collection system, the owner or operator shall monitor surface
concentrations.

3745-76-10 (C)(1)(d) Shall
The background concentration shall be determined by moving the probe inlet upward and
downward outside the boundary.

3745-76-10 (C)(3) Shall
Surface emission monitoring shall be performed in accordance with
shall be marked and the location recorded.

3745-76-10 (C)(4)(e) Shall
Recalculations shall be performed during typical meteorological conditions.

3745-76-10 (C)(4)(f) Shall
Recalculations shall be performed during typical meteorological conditions.

3745-76-10 (C)(7) Shall
Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas
collection in the vicinity of each exceedance shall be made.

3745-76-10 (C)(8) Shall
If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken.

3745-76-10 (C)(5)(b) Shall
The location shall be re-monitored within ten calendar days of detecting the exceedence.

3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (A)(2) Shall
The background concentration shall be determined by moving the probe inlet upward and
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3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (A)(3) Shall
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3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
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3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (C)(4)(c) Shall
If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken.

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3745-76-10 (C)(5)(c) Shall
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3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (C)(5)(c) Shall
If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken.

3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
3745-76-10 (C)(5)(c) Shall
If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken.

3704.03(E) State rule mandated by CAA 111(d) 40 CFR Part 60 Subpart Cc yes yes no
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<th>Section</th>
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<tbody>
<tr>
<td>3745-76-10</td>
<td>(C)(14)(c)</td>
<td>Shall except that “methane” shall be taken as a third exceedance for the same location, the action specified in paragraph (C)(14)(e) of this rule shall be taken.</td>
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<tr>
<td>3745-76-10</td>
<td>(C)(14)(d)</td>
<td>Shall any location that initially showed an exceedance but has a methane concentration less than five hundred parts per million methane above background at the ten-day re-monitoring specified in paragraph (C)(14)(b) or (C)(14)(c) of this rule shall be re-monitored one month.</td>
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<tr>
<td>3745-76-10</td>
<td>(C)(14)(e)</td>
<td>Shall the one-month re-monitoring shows an exceedance, the actions specified in paragraph (C)(14)(c) or (C)(14)(e) of this rule shall be taken.</td>
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<tr>
<td>3745-76-10</td>
<td>(C)(15)(a)</td>
<td>Shall a new well or other collection device shall be installed within one hundred twenty calendar days of the initial exceedance.</td>
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<td>3745-76-10</td>
<td>(D)</td>
<td>Shall the owner or operator shall implement a program to monitor for cover integrity and implement cover repairs.</td>
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<td>3745-76-10</td>
<td>(E)</td>
<td>Shall seeking to comply with the provisions in paragraph (C) of this rule shall comply with the following:</td>
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<tr>
<td>3745-76-10</td>
<td>(D)(4)</td>
<td>Shall permittees shall meet the instrument specifications provided in section 6 of Method 21 of Appendix A of 40 CFR Part 60.</td>
</tr>
<tr>
<td>3745-76-10</td>
<td>(D)(5)</td>
<td>Shall the calibration procedures provided in section 8.1.1 of Method 21 of Appendix A of 40 CFR Part 60 shall be followed immediately.</td>
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<tr>
<td>3745-76-11</td>
<td>(B)</td>
<td>Shall the provisions of this rule apply at all times, except during periods of start-up, shutdown, or malfunction, provided that the duration of start-up, shutdown or malfunction shall not exceed five days for collection systems.</td>
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<tr>
<td>3745-76-11</td>
<td>(C)(2)</td>
<td>Shall a device that records flow to or bypass of the flare. The owner or operator shall either:</td>
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<tr>
<td>3745-76-11</td>
<td>(B)(2)(a)</td>
<td>Shall install, calibrate, and maintain a gas flow rate measuring device that shall record the flow to the control device at least every fifteen minutes; or</td>
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<tr>
<td>3745-76-11</td>
<td>(B)(2)(b)</td>
<td>Shall a visual inspection of the seal or closure mechanism shall be performed at least once every month using an open flare shall install, calibrate, maintain, and operate according to the manufacturer's specifications the following equipment:</td>
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<tr>
<td>3745-76-11</td>
<td>(C)(1)</td>
<td>Shall Administrative Code for an active gas collection system shall install a sampling port and a thermometer,</td>
</tr>
<tr>
<td>3745-76-11</td>
<td>(C)(2)</td>
<td>Shall a device that records flow to or bypass of the control device. The owner or operator shall either:</td>
</tr>
<tr>
<td>3745-76-11</td>
<td>(D)</td>
<td>Shall seeking to monitor alternative parameters to those required by rule 3745-76-08 to rule 3745-76-11 of the Administrative Code shall provide information satisfactory to the director.</td>
</tr>
<tr>
<td>3745-76-11</td>
<td>(E)</td>
<td>Shall the director shall review the information and either approve it, or request that additional information be submitted.</td>
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</table>
3745-76-12 (A)(2)(b) Shall if the maximum design capacity of the landfill is not specified in the permit, the maximum design capacity shall be calculated.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (A)(2)(b) Shall the calculations shall be provided.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (A)(3) Shall An amended design capacity report shall be submitted to the director providing notification of any increase in the design capacity.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (A)(4) Shall Any expansion of the landfill shall be made a modification.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (A)(5) Shall which shall cease the landfill to become subject to the new source performance standards in 40 CFR Part 60, Subpart WW.

3745-76-12 (B) Shall each owner or operator subject to the requirements of this chapter shall submit an NMOC emission rate report to the director initially and annually thereafter.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1) Shall The NMOC emission rate report shall contain an annual or five-year estimate of the NMOC emission rate reports. shall be submitted annually thereafter.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1)(b) Shall The estimate shall include the current amount of solid waste in place and the resulting site-specific methane generation rate constant (k) shall be calculated.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1)(b) Shall All data and calculations upon which this estimate is based shall be provided.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1)b Shall This estimate shall be revised at least once every five years.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1)(b) Shall If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the five-year estimate, a revised five-year estimate shall be submitted to the director.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(1)(b) Shall The revised estimate shall cover the five-year period beginning with the year.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (B)(2) Shall The NMOC emission rate report shall include all the data, calculations, sample reports and measurements.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C) Shall shall submit a collection and control system design plan to the director within one year of the first report.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(1) Shall if the owner or operator elects to recalculate the NMOC emission rate after Tier 2 NMOC sampling and analysis as provided in paragraph (A)(1) of rule 3745-76-09 of the Administrative Code and the resulting rate is less than fifty megagrams per year, annual periodic reporting shall be resumed, using the Tier 2 calculation.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(1) Shall the recalculated emission rate based on NMOC sampling and analysis shall be submitted within one hundred eighty days.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(1) Shall and the resulting NMOC emission rate is less than fifty megagrams per year, annual periodic reporting shall be resumed.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(2) Shall The resulting site-specific methane generation rate constant (k) shall be used in the emission rate calculation until such time.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(2) Shall the resulting site-specific methane generation rate constant (k) shall be submitted to the director within one year of the first calculated emission rate exceeding fifty megagrams per year.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (C)(2) Shall the owner or operator shall submit a site-specific methane generation rate constant (k) one year of the first calculated emission rate exceeding fifty megagrams per year.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (D) Shall a controlled landfill shall submit a closure report to the director within thirty days of waste acceptance cessation.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (D) Shall a controlled landfill shall also meet the notification requirements for landfill closure.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (E) Shall a controlled landfill shall submit an equipment removal report to the director thirty days prior to removal or cessation.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (E)(1) Shall the equipment removal report shall contain all of the following.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (F) Shall an active collection system designed in accordance with paragraph (B)(2)(b) of rule 3745-76-07 of the Administrative Code shall submit to the director an annual report of the recorded information in 40 CFR Part 60 Subpart Cc.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (F) Shall the annual report shall be submitted within one hundred eighty days.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (F) Shall and shall include the initial performance test report for enclosed combustion devices and flares 1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-12 (G) Shall shall include the following information with the initial performance test report.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (A) Shall keep for at least five years up-to-date, readily accessible, on-site records of the design capacity report.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (B) Shall owner or operator of a controlled landfill shall keep up-to-date, readily accessible records for the life of the control equipment.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (B) Shall records of subsequent tests or monitoring shall be maintained for a minimum of five years.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (C) Shall records of the control device vendor specifications shall be maintained until removal.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (C) Shall a controlled landfill subject to the provisions of this chapter shall keep for five years up-to-date, readily accessible continuous records of the equipment operating parameters.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (C)(1) Shall the following constitute exceedances that shall be recorded and reported.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no

3745-76-13 (C)(2) Shall subject to the provisions of this chapter shall keep up-to-date, readily accessible continuous records of the indication of flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals.  1704.03(E) State rule mandated by GAA 111(d) 40 CFR Part 60 Subpart Cc  yes yes no
3745-76-13 (C)(3) Shall keep an up-to-date, readily accessible record of all periods of operation of the boiler or process heater.

3745-76-13 (C)(4) Shall keep up-to-date, readily accessible continuous records of the flame or flare pilot flame

3745-76-13 (D) Shall keep for the life of the collection system an up-to-date, readily accessible plot map showing each existing and planned collector.

3745-76-13 (D)(5) Shall subject to the provisions of this chapter shall keep readily accessible records of the installation date and location of all newly installed collectors.

3745-76-13 (D)(7) Shall subject to the provisions of this chapter shall keep readily accessible documentation of the nature, date of deposition, amount, and location of asbestos-containing or nondegradable waste

3745-76-13 (E) Shall Landfill owners or operators who convert design capacity from volume to mass or mass to volume to demonstrate that landfill design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, as provided in the definition of "design capacity", shall keep readily accessible, on site records of the annual recalculation of site-specific density, design capacity, and the supporting documentation.

3745-76-14 (A) Shall The collection devices within the interior and along the perimeter areas shall be certified to achieve comprehensive control of surface gas emissions by a professional engineer.

3745-76-14 (A)(1) Shall The collection devices determined in paragraph (A)(1) of this rule shall address landfill gas migration issues and augmentation of the collection system through the use of active or passive systems at the landfill perimeter or exterior.

3745-76-14 (A)(3)(a) Shall Any segregated area of asbestos or nondegradable material may be excluded from collection if documented shall be provided to the director upon request.

3745-76-14 (A)(3)(b) Shall A separate NMOC emissions estimate shall be made for each section proposed for exclusion, and the sum of all such sections shall be compared to the NMOC emissions estimate for the entire landfill.

3745-76-14 (A)(3)(c) Shall the values for k, L0, and CNMOC determined in field testing shall be used.

3745-76-14 (B)(1) Shall The collection system shall extend as necessary to comply with emission and migration standards.

3745-76-14 (B)(3) Shall Collection devices such as wells and horizontal collectors shall be perforated to allow gas entry without head loss sufficient to impair performance across the intended extent of control.
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<td>3745-76-15</td>
<td>(B)(1)(e) Shall</td>
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<tr>
<td>3745-76-15</td>
<td>(B)(2) Shall</td>
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<td>3745-76-15</td>
<td>(B)(3) Shall</td>
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<td>3745-76-15</td>
<td>(B)(4) Shall</td>
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<tr>
<td>3745-76-15</td>
<td>(B)(5) Shall</td>
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<td>3745-76-15</td>
<td>(C) Shall</td>
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<td>3745-76-15</td>
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<td>3745-76-15</td>
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<td>3745-76-15</td>
<td>(D)(4) Shall</td>
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<td>3745-76-15</td>
<td>(E) Shall</td>
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<td>3745-76-15</td>
<td>(F) Shall</td>
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<td>3745-76-15</td>
<td>(G) Shall</td>
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<td>3745-76-15</td>
<td>(H) Shall</td>
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<td>3745-76-15</td>
<td>(I)(1) Shall</td>
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<tr>
<td>3745-76-15</td>
<td>(I)(2) Shall</td>
</tr>
<tr>
<td>3745-76-15</td>
<td>(I)(3) Shall</td>
</tr>
</tbody>
</table>

**References:**
- 3704.03(E) State rule mandated by CAA 111(d)
- 40 CFR Part 60 Subpart Cc
- Yes
- Yes
- No
A calibration error check is not required.

If the landfill is larger than twenty five hectares in area, only fifty samples are required. The sample probes should be located...

The owner or operator may use other methods to determine the NMOC concentration or a site-specific k as an alternative to the methods required in paragraphs (A)(3) and (A)(4) of this rule if the method has been approved by the director.

Owners or operators are not required to expand the system as required in paragraph (A)(3) of this rule during the first one hundred eighty days after gas collection system start-up.

A temperature monitoring device is not required for boilers or process heaters with design heat input capacity equal to or greater than forty four megawatts.

This increase in design capacity may result from an increase in permitted volume of the landfill or an increase in the density as documented in the annual recalculation required under paragraph (F) of.

The initial NMOC emission rate report may be combined with the initial design capacity report required in paragraph (A) of this rule...

Within one year of the first report, required under paragraph (B) of this rule, in which the emission rate exceeds fifty...

Monitoring and record keeping shall be maintained as required in paragraph (C)(4) of rule 3745-76-11 of the Administrative Code.
<table>
<thead>
<tr>
<th>DOC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
<th>Statutory Authority</th>
<th>State or Fed law?</th>
<th>Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-77-01</td>
<td>none</td>
<td>shall</td>
<td>The following definitions shall apply to this chapter</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(A)</td>
<td>shall</td>
<td>Affected source shall have the meaning given to it in the regulations promulgated under Title IV of the act.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(F)</td>
<td>shall</td>
<td>Affected unit shall have the meaning given to it in the regulations promulgated under Title IV of the act.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(X)</td>
<td>shall</td>
<td>The director or his designee shall have the meaning given to it in paragraph (X) of Section 402 of the act and the regulations promulgated thereunder.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(X)</td>
<td>shall</td>
<td>For the purposes of defining major source, a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same major group.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(O)(1)(a)</td>
<td>shall</td>
<td>The fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of Section 302(j) of the act.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(O)(1)(a)</td>
<td>shall</td>
<td>The preparation and forwarding of a proposed permit shall not constitute a proposed action or a final action of the director.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(O)(5)(5)</td>
<td>shall</td>
<td>The prenotice of the application or permit.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(G)</td>
<td>shall</td>
<td>Research and development sources shall have the same meaning as in section 3704.01 of the Revised Code.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(N)</td>
<td>required</td>
<td>Emotions allowable under the Title V permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-01</td>
<td>(A)</td>
<td>shall not</td>
<td>Except as provided in paragraph (H)(1)(a) of rule 3745-77-07 of the Administrative Code, and paragraphs (C)(1)(f) and (C)(2)(e) of rule 3745-77-08 of the Administrative Code and in the following sentence, the owner or operator of a Title V source shall not operate such source after the date that a timely and complete Title V permit application is required to be submitted under this chapter.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-77-02</td>
<td>(A)</td>
<td>shall</td>
<td>This protection shall cease to apply upon the effectiveness of the director's final determination that the application is not complete pursuant to paragraphs (A) and (B) of rule 3745-77-05 of the Administrative Code.</td>
<td>§ 3704.03(E), 3704.03(G), 3704.03(K), 3704.03(S) Federal</td>
<td>40 CFR Part 70</td>
<td>Yes</td>
<td>Federal</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
In the case of nonmajor sources subject to a standard or other requirement promulgated under either Section 111 or 112 of the act after July 21, 1992, such nonmajor sources shall become subject to the Title V permitting requirements if so required by the standard or other requirement adopted by the administrator.

The permit application shall be processed in the same manner as permit applications for non-exempt Title V sources.

The proposed compliance date shall be the federally enforceable portion of the permit. It shall include all applicable requirements for all relevant emissions units at the major source as specified in paragraph (A) of rule 3745-77-07 of the Administrative Code.

For any non major source subject to this rule, the director shall include in the permit all requirements applicable to emissions units that cause the source to be subject to a Title V permit.

Negligible emissions information from a Title V source shall be included in the permit application and the permit in the same manner as stack emissions, regardless of whether the source category in question is included in the list of sources contained in the definition of major source.

Insignificant activities and emissions levels. Insignificant activities and emissions levels shall be exempted from the permit application requirements of this rule except for:

...and shall include that determination or a concise summary of it in the applicant’s Title V permit.

A timely and complete Title V permit application is required to be submitted under this chapter.

The owner or operator of a source that is subject to the Title V permit program as provided in rule 3745-77-02 of the Administrative Code shall submit Title V permit applications in the manner and form prescribed by the director for that purpose.

The applicant shall submit the information required by this rule for each emissions unit at the source to be permitted.

The director shall honor all such requests based on proper definitions of emissions units.

Required information. The standard application form shall require

All emission estimates shall be performed in accordance with reasonable, appropriate and available engineering techniques.

The proposed compliance date shall be approved by the director.

Description of the compliance status of the Title V source with respect to all applicable requirements, which shall include all of the following:

A statement that the source will meet in a timely manner such requirements that become effective during the term shall satisfy this provision.

The compliance schedule shall include a schedule of remedial measures.

This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order.

Any such schedule of compliance shall be supplemental to.

...and shall not sanction noncompliance with the applicable requirements on which it is based.
The compliance plan content requirements specified in paragraphs (C)(9)(a) to (C)(9)(d) of this rule shall apply and be included in the acid rain portion of a compliance plan.

40 CFR Part 70

The application shall certify the requirement to register such a plan.

40 CFR Part 70

Required certification submitted pursuant to this chapter shall contain certification by a responsible official.

40 CFR Part 70

This certification and any other certification requirement under this chapter shall state that.

40 CFR Part 70

The application shall clearly identify any information the applicant claims is confidential as business information.

40 CFR Part 70

The application shall include a brief statement of the basis for any such claim.

40 CFR Part 70

Information claimed to be confidential shall not thereafter be released except as provided by either condition listed as follows.

40 CFR Part 70

If the administrator requests information subject to a claim of confidentiality, the director shall promptly require in writing that the applicant submit the information.

40 CFR Part 70

The director shall submit all information and claims of confidentiality directly to the administrator.

40 CFR Part 70

If a third party request information subject to a claim of confidentiality, such information shall be released only after the director finds the claim of confidentiality is not justified.

40 CFR Part 70

The applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts.

40 CFR Part 70

In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit.

40 CFR Part 70

The application must identify any such insignificant activities and emissions levels that are exempted because of size or production rate.

40 CFR Part 70


40 CFR Part 70

Required information under section 3745.11 of the Revised Code shall be released.

40 CFR Part 70

If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(r) of the act, the director shall promptly require in writing that the applicant submit the information and claim of confidentiality directly to the administrator.

40 CFR Part 70
An applicant may not omit information for an emissions unit, including information for insignificant activities or emission levels, that is necessary to determine the applicability of any applicable requirement, to impose any applicable requirement, or to evaluate the fee amount required under section 3745-77-01 of the Revised Code. An owner or operator of a source for which a timely and complete Title V permit application has been filed pursuant to this rule and rule 3745-77-06 of the Administrative Code shall continue to comply with all effective terms and conditions of permit-to-install, permits-to-install and operate and permits-to-operate that were issued to one or more emissions units at such source.

The filing of a timely and complete Title V permit application shall have the same effect as filing an application for a renewal of a permit-to-install and operate for purposes of section 119.06 of the Revised Code. Upon written request, the Director shall promptly notify the applicant that a permit has been issued, and shall specify any conditions of the permit.

Sources required to obtain a Title V permit shall submit an application no later than the date specified below based on the location of the source.

Sources that are located in the areas identified in appendix A to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no later than sixty days after approval of the Title V permit program.

Sources that are located in the areas identified in appendix B to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no earlier than sixty-one days after approval of the Title V permit program and no later than three hundred sixty-five days after approval of the Title V permit program.

Sources that are located in the areas identified in appendix C to this rule shall file an application in accordance with rule 3745-77-03 of the Administrative Code by no earlier than one hundred eighty-one days after approval of the Title V permit program.

Notwithstanding the provisions of paragraph (B) of this rule, no initial Title V permit application shall be due less than one year after the effective date of this rule.

Applications for initial phase II acid rain permits shall be submitted to the director by January 1, 1996, for sulfur dioxide, and by January 1, 1998, for nitrogen oxides.

An application filed by the appropriate due date in this rule, and, where necessary, supplemented in accordance with rule 3745-77-05 of the Administrative Code, shall be deemed timely.

A preconstruction permit shall be filed no earlier than sixteen months and no later than six months prior to the expiration of the Title V permit.

An owner or operator of a Title V source required to meet the requirements of section 112(g) of the act shall file a Title V permit application within twelve months after commencing operation of that section.

An owner or operator of a Title V source required to obtain a Title V permit shall submit an application no later than the date specified below based on the location of the source.

An owner or operator of a Title V source required to meet the requirements of Section 112(g) of the act shall submit a preconstruction permit under Part C or Part D of Title I of the act. Such permit shall be in effect before operation of such new or modified source.

The director shall promptly provide notice to the applicant for a Title V permit of whether the application is complete.

The director shall promptly provide notice to the applicant for a Title V permit of whether the application is complete.
shall provide a reasonable time period, not less than fifteen days, for the applicant's submission of the requested information.

shall If an applicant fails to make a good faith and timely response to a request for additional information under this rule with regard to an application that the director believes to be incomplete, the director shall offer to meet with the applicant within seven days after issuance of a letter for failure to submit the requested information.

shall If the meeting or meeting offer fails to obtain a complete application from the applicant, the director, without prior hearing, shall make a final determination that the application is not complete.

shall Any such determination shall not become effective until twenty days after notice of the determination is sent to the applicant by certified mail.

shall The permit shall include all of the following:

shall The permit shall include emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance.

shall The Title V permit shall specify authority for each term or condition, and identify any difference in form as compared to the applicable requirement upon which the term or condition is based.

shall The Title V permit shall state that, where an applicable requirement of the act is more stringent than an applicable requirement of regulations promulgated under Title IV of the act...

shall such an alternative emission limit or means of compliance shall be included in the permit upon a showing satisfactory to the director that it is quantifiable, accountable, enforceable, and based on replicable procedures.

shall The director shall issue Title V permits for a fixed period, not to exceed five years, except as follows:

shall Such permits shall be reviewed every five years.

shall Such permits shall contain all of the following requirements with respect to monitoring:

shall Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement.

shall With respect to recordkeeping, the permit shall incorporate all applicable requirements that relate to recordkeeping and require, where applicable, all of the following:

shall The permit shall specify that records may be maintained in computerized form.

shall With respect to reporting, the permit shall incorporate all applicable requirements that relate to reporting.

shall The permit shall also require all of the following:

shall To the extent possible, the schedule for submission of such reports shall be timed to coincide with other periodic reports required by the permit, including the permittee's annual compliance certification.
3745-77-07  | (A)(3)(i)(h) shall  | Malfunctions that are reported in accordance with rule 3745-15-06 of the Administrative Code shall be referenced in the deviation reports required by this paragraph.  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal  | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(3)(i)(i) shall Deviations resulting from approved requests for scheduled maintenance of air pollution control equipment pursuant to paragraph (A) of rule 3745-15-06 of the Administrative Code also shall be reported in accordance with this paragraph. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(3)(ii)(i) shall Unless otherwise specified in the specific permit terms and conditions for an emissions unit, prompt reporting of the purpose of this rule shall be quarterly for all deviations from emission limitations. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(3)(iv)(ii) shall If each report required under paragraph (A)(3)(i)(c) of this rule shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(4) shall The permit shall include provisions necessary to ensure compliance by an affected source with the requirements of 40 CFR Part 72. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(5) shall The permit shall include provisions stating all of the following:  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(5)(a) shall The permit shall include provisions stating all of the following:  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(5)(b) shall The permit shall include provisions stating all of the following:  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(6) shall The permit shall include provisions stating all of the following:  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(7) shall The Title V permit shall include a severability clause to ensure the continued validity of the various permit requirements in the event of a challenge to any portion of the permit.  |
            | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(8) The Title V permit shall include provisions stating all of the following: | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(9) shall The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(10) shall The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(11) shall The permit shall include terms and conditions applicable to all operating scenarios described in the permit application. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(11)(a) shall The permit shall include terms and conditions applicable to all operating scenarios described in the permit application. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(12) shall Each issued permit shall include provisions specifying the conditions under which the permit will be reopened prior to the expiration of the permit. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(13)(a) shall The permit shall include terms and conditions applicable to all operating scenarios described in the permit application. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |

3745-77-07  | (A)(13)(b) shall The permit shall include terms and conditions applicable to all operating scenarios described in the permit application. | 3704.03(E), 3704.03(G), 3704.03(H), 3704.036 | Federal | 40 CFR Part 70 | Yes | Federal | Yes |
<table>
<thead>
<tr>
<th>Rule Number</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-77-07 (B)</td>
<td>Voluntary restrictions established in the permit to avoid federal applicable requirements shall be identified as federally enforceable terms and conditions.</td>
</tr>
<tr>
<td>3745-77-07 (B)</td>
<td>Federally enforceable terms and conditions shall be clearly differentiated from terms and conditions that are not required under the act or any applicable requirements and that are imposed pursuant to state law only.</td>
</tr>
<tr>
<td>3745-77-07 (B)</td>
<td>Terms and conditions that are not required under the act or any of its applicable requirements shall be identified as such in the permit and clearly differentiated from those that are.</td>
</tr>
<tr>
<td>3745-77-07 (B)(2)</td>
<td>All other terms and conditions of a Title V permit not described in paragraph (B)(1) of this rule shall not be federally enforceable.</td>
</tr>
<tr>
<td>3745-77-07 (B)(2)</td>
<td>shall be enforceable under state law only.</td>
</tr>
<tr>
<td>3745-77-07 (C)</td>
<td>The federally enforceable portion of each Title V permit shall contain all of the following elements with respect to compliance:</td>
</tr>
<tr>
<td>3745-77-07 (C)(1)</td>
<td>Any document (including reports) required by a Title V permit shall contain a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.</td>
</tr>
<tr>
<td>3745-77-07 (C)(2)</td>
<td>The permittee shall allow the director or an authorized representative of the director to do all of the following:</td>
</tr>
<tr>
<td>3745-77-07 (C)(3)</td>
<td>A requirement that sources meet in a timely manner applicable requirements that become effective during the permit term and shall contain an approved schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance.</td>
</tr>
<tr>
<td>3745-77-07 (C)(4)</td>
<td>Such a schedule of compliance shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance.</td>
</tr>
<tr>
<td>3745-77-07 (C)(5)</td>
<td>The frequency (which shall be annual unless the applicable requirement specifies submission more frequently) or submissions of compliance certifications.</td>
</tr>
<tr>
<td>3745-77-07 (D)(4)</td>
<td>A request for coverage under a general permit shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.</td>
</tr>
<tr>
<td>3745-77-07 (D)(4)(a)</td>
<td>The director shall, following receipt of a request for a general permit, or upon a determination that issuance of a general permit for a category of sources may be appropriate, follow the same procedures for allowance of a general permit as for any other permit issued under this part.</td>
</tr>
<tr>
<td>3745-77-07 (D)(5)</td>
<td>A general permit shall apply to the owner or operator of a facility or an contaminant source only upon application of the owner or operator to, and acceptance by, the director.</td>
</tr>
<tr>
<td>3745-77-07 (D)(6)</td>
<td>A general Title V permit issued under this section shall provide that any source approved for coverage—</td>
</tr>
<tr>
<td>3745-77-07 (D)(6)(a)</td>
<td>shall conform to the application requirements in the general permit, which may deviate from the application requirements set forth in rule 3745-77-03 of the Administrative Code…</td>
</tr>
<tr>
<td>3745-77-07 (D)(6)(b)</td>
<td>The director shall act to approve or deny the request for coverage under a general permit within ninety days of receipt.</td>
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<tr>
<td>3745-77-07 (D)(7)</td>
<td>A general Title V permit issued under this section shall provide that any source approved for coverage—</td>
</tr>
</tbody>
</table>

Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
Federal 40 CFR Part 70 | Yes | Federal | Yes |
3745-77-07 (E) shall Permits for temporary sources shall include all of the following:

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (F)(1) shall Each permit issued under this rule shall include a permit shield provision...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-07 (F)(2) shall which shall state that compliance with the terms and conditions of the permit...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-07 (F)(1) shall shall be deemed compliance with the applicable requirements identified and addressed in the permit as of...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (F)(2) shall the permit applicant shall specify in the request for such a determination the requirements as to which the...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (F)(2) shall if the determination is issued in a separate finding, that finding shall be summarized in the permit...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (F)(3) shall the permit shall state that the permit shield applies to any requirements so identified...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-07 (I)(3) shall The change shall...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (G) shall An emergency shall not include noncompliance caused by improperly designed equipment...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(1) shall An owner or operator of a stationary source with a Title V permit is authorized...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(1)(b) shall Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the applicable implementation plan authorizing emissions trades...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(1)(ii) shall Upon the applicant's request in a Title V permit application, the director shall issue a permit that contains...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3) shall The director shall not be required to include in the emissions trading provisions any emissions units for which emissions are not quantifiable or for which there are no applicable procedures to enforce the emissions trades...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(ii) shall The permit shall require compliance with all applicable requirements...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-07 (H)(2)(a) shall The written notification to the administrator and the director required under paragraph (H)(1) of this rule shall be provided a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(a) shall Notice of a modification to a permit shall include all of the following...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(b) shall For sources making changes under paragraph (H)(1)(c) of this rule, the notification shall include all of the following...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(c) shall For sources implementing emission trades as provided in paragraph (H)(1)(b) of this rule, the notification shall include all of the following...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(d) shall The permit shield provided under paragraph (f) of this rule shall not apply to changes made under this paragraph, except those provided for in paragraph (H)(1)(c) of this rule...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(e) shall The written notification to the director and the administrator...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(3)(ii) shall Relating to changes in this paragraph shall be construed as requiring such a modification to be obtained...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(4)(a) shall The permittee provides contemporaneous written notice of the change to the director and the administrator...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (H)(4)(a) shall Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-07 (I)(1) shall The change shall not qualify for the permit shield under paragraph (f) of this rule...

3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No
The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

The permittee must comply with all conditions of the permit.

The permittee must meet all applicable requirements and requirements of this chapter.

The permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit.

The permittee must have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.

Progress reports must be submitted semiannually.

The operation must be temporary and involve at least one change of location during the term of the permit.

Such notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement.

All emissions monitoring and analysis procedures or test methods required under the applicable requirements, including any procedures and methods promulgated pursuant to Sections 114(a)(3) or 504(b) of the act.

Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring.

With respect to recordkeeping, the permit shall incorporate all applicable requirements that relate to recordkeeping and require, where applicable, all of the following.

Records of required monitoring information that include all of the following.

Retention of records of all required monitoring data and support information for a period of five years from the date the record was created.

Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

To the extent possible, the schedule for submission of such reports shall be timed to coincide with other periodic reports required by the permit, including the permittee's annual compliance certification.

That each permit shall require prompt reporting of deviations from federally enforceable permit requirements.

That each report required under paragraph (A)(3)(c) of this rule shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

If the owner or operator of the source is required to develop and register a risk management plan pursuant to Section 112(e) of the act, the permit shall specify that the permittee will comply with the requirement to register such a plan.

No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program...

Upon request, the permittee shall also furnish to the director copies of records required to be kept by the permit.

The permit shall provide that no permit revision shall be required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.

The permittee shall include all terms required under paragraphs (A) and (C) of this rule to determine compliance.
Federally enforceable terms and conditions shall be clearly differentiated from terms and conditions that are not required under the act or any applicable requirements and that are imposed pursuant to state law only.

All terms and conditions of a Title V permit that are required under the act or any of its applicable requirements,

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All terms and conditions of a Title V permit that are required under the act or any of its applicable requirements,
The draft shall be accompanied by a statement that sets forth the legal and factual basis for the draft permit conditions (including references to the applicable statutory or regulatory provisions). The director shall send this statement of basis to the applicant, to the applicant, and to any other person who requests it.

The director shall issue the Title V permit, permit modification, or permit renewal no later than forty-five days preceding the deadline for final action under paragraph (A)(6) of this rule. Except as provided in this paragraph or in paragraph (C)(1)(e) or (C)(2)(d) of this rule, the director shall take final action on any initial or renewal application or application for a modification within eighteen months after receiving a complete application. The director shall submit a copy of the revised permit to the administrator. Administrative permit amendments defined in paragraph (C)(5) of rule 3745-77-01 of the Administrative Code shall be covered by the permit shield in paragraph (F) of rule 3745-77-07 of the Administrative Code upon the administrator's action granting the request for such administrative permit amendment. A permit modification for purposes of the act shall be governed by regulations promulgated under Title IV of the act.
3745-77-08 (C)(1)(c) shall ...the director promptly shall meet the obligation under paragraphs (A)(1) and (B)(1) of rule 3745-77-09 of the Administrative Code... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-08 (C)(1)(d) shall An application requesting the use of group processing procedures shall meet the requirements of rule 3745-77-03 of the Administrative Code... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-08 (C)(1)(e) shall The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-08 (D)(1) shall Significant modification procedures shall be used for applicants requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-08 (D)(2) shall The director shall complete review on a majority of significant permit modifications within nine months after receipt of a complete application... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-08 (E)(1) shall A complete application for a significant permit modification shall be filed within twelve months after commencing operation of the modified source... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal No

3745-77-08 (E)(2) shall The director shall complete review on a majority of significant permit modifications within nine months after receipt of a complete application... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-08 (E)(3) shall Reopenings under paragraph (D)(1) of this rule shall not be initiated before a notice of such intent is provided to the owner or operator of the Title V source by the director at least thirty days in advance of the date that the permit is to be reopened... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-08 (E)(4) shall Within ninety days receipt of the administrator's objection to a proposed determination, the director shall address and act upon the administrator's objection unless the director determines that one or more revisions sought by the administrator are inconsistent with applicable statutes or regulations... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes

3745-77-08 (E)(5) shall All provisions and authorizations of the expired permit shall remain in effect until the director's final action on the pending renewal application... 3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal 40 CFR Part 70 Yes Federal Yes
3745-77-08 (C)(1)(a)(vi) required Are not
3745-77-08 (H)(2) shall After the applicant makes the change allowed by the preceding sentence, and until the director takes any of the actions specified in paragraph (C)(1)(e) of this rule, the owner or operator of the source must comply with both the applicable requirements governing the changes and the proposed permit terms and conditions.
3745-77-08 (G)(4) shall The director shall identify the affected facility.
3745-77-08 (G)(5) shall The director shall provide at least thirty days for public comment…
3745-77-08 (G)(3) shall The director shall keep a record of the commenters and also of the issues raised during the public participation process.
3745-77-08 (G)(1) shall Notice shall give notice of any public hearing at least thirty days in advance of the hearing.
3745-77-08 (G)(1) shall The notice shall identify the affected facility.
3745-77-08 (G)(2) shall The notice shall be given: by publication in a newspaper of general circulation in the area where the source is located.
3745-77-08 (D)(1)(a) required The director shall afford a prompt hearing to any permit holder whose Title V permit is revoked in the manner prescribed in Chapter 3745-47 of the Administrative Code.
3745-77-08 (F)(3) shall Revocation and reissuance of a Title V permit shall be final thirty days after service of notice to the permit holder.
3745-77-08 (F)(5) shall A Title V permit that has been revoked shall be surrendered forthwith to the director.
3745-77-08 (G) shall all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall follow the procedures in this paragraph for public comment and hearing.
3745-77-08 (H)(3) shall An owner or operator shall submit to the Ohio environmental protection agency by no later than the date required by the terminated Title V permit or by the terms and conditions of the expired Title V permit applied to the source under paragraph (H)(2) of this rule.
3745-77-08 (C)(1)(a)(iv) required The administrator or the director determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3745-77-08 (B)(1)(e) required Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
3745-77-08 (C)(1)(e)(iv) required Completed applications, in the form and manner prescribed by the director to notify the administrator and affected states as required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(1)(e)(iv) required The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(1)(e) required The director promptly shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(1)(d) required The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(2)(d) required No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire.
3745-77-08 (C)(2)(a)(vi) required Be sure the draft permit modification and transmit to the administrator the new proposed permit modification completed applications, in the form and manner prescribed by the director to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(2)(b)(vi) required completed applications in a form and manner prescribed by the director to use to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(1)(c)(iv) required The director promptly shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(2)(c) required This paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.
3745-77-08 (C)(1)(b)(vi) required required and also of the issues raised during the public participation process.
3745-77-08 (C)(3)(b) required The administrator or the director determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3745-77-08 (C)(1)(a) required The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(1)(e) required The director shall send any notice required under paragraph (B)(2) of rule 3745-77-09 of the Administrative Code to the administrator.
3745-77-08 (C)(1)(a) required The administrator or the director determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3745-77-08 (C)(2)(a) required completed applications in a form and manner prescribed by the director to use to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(2)(b) required completed applications, in the form and manner prescribed by the director to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(1)(d) required completed applications, in the form and manner prescribed by the director to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (C)(1)(a) required completed applications in a form and manner prescribed by the director to notify the administrator and affected states as required under rule 3745-77-09 of the Administrative Code.
3745-77-08 (B)(1) required ...and all other materials available to the director that are relevant to the permit decision; a brief description required by this chapter; and the time and place of any hearing that may be held, including a statement of procedures to request a hearing.

Federal 40 CFR Part 70

3745-77-08 (B)(2) require The director shall keep for five years any such records and submit to the administrator a copy of each Title V permit application (including any application for Title V permit modification), each proposed Title V permit, and each final Title V permit.

Federal 40 CFR Part 70

3745-77-08 (C)(1) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-08 (D)(1) shall No Title V permit for which an application required if the sources are not covered by a Title V permit.

Federal 40 CFR Part 70

3745-77-08 (D)(2) shall The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications.

Federal 40 CFR Part 70

3745-77-08 (E)(1)(g) shall The permit shield under paragraph (F) or rule 3745-77-07 of the Administrative Code shall not extend to group processing of minor permit modifications.

Federal 40 CFR Part 70

3745-77-08 (C)(1)(d) shall The director may require the applicant to provide a copy of the permit application (including the compliance plan) directly to the administrator.

Federal 40 CFR Part 70

3745-77-08 (C)(1) shall A Title V permit for which an application was transmitted to the administrator under paragraph (A) of this rule shall be issued if the administrator objects to its issuance in writing within forty-five days of receipt of the proposed permit and all necessary supporting information.

Federal 40 CFR Part 70

3745-77-08 (A)(1) shall The director shall keep for five years any such records and submit to the administrator such information as the director may reasonably require to ascertain whether the state program complies with the requirements of the act and 40 CFR Part 70.

Yes Federal Yes

3745-77-08 (A)(2) shall The director may require the applicant to provide a copy of the permit application (including the compliance plan) directly to the administrator.

Yes Federal Yes

3745-77-08 (B)(1) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-08 (B)(2) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-08 (C)(1)(d) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-08 (H)(3) required An owner or operator shall submit to the Ohio environmental protection agency by no later than the date required by the terminated Title V permit or by the terms and conditions of the expired Title V permit applied to the source under paragraph (H)(2) of this rule.

Yes Federal No

3745-77-08 (C)(1)(g) shall not The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications.

Yes Federal No

3745-77-08 (C)(2)(f) shall not These paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.

Yes Federal No

3745-77-08 (D)(3) shall not Reopenings under paragraph (D)(1) of this rule shall not be initiated before a notice of such intent is provided to the owner or operator of the Title V source by the director.

Yes Federal No

3745-77-08 (C)(3)(b) prohibit No permit condition that is rendered inapplicable as a result of a modification shall be construed to prohibit the modification.

Yes Federal No

3745-77-08 (C)(3)(d) prohibit Provided that where an existing Title V permit would prohibit construction or operation of such modified source, a Title V permit revision must be obtained before operation of such modified source.

Yes Federal No

3745-77-09 (A)(1) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-09 (B)(2) shall The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-09 (C)(1) shall The director may require the applicant to provide a copy of the permit application (including the compliance plan) directly to the administrator.

Federal 40 CFR Part 70

3745-77-09 (A)(1) require The director shall keep for five years any such records and submit to the administrator such information as the director may reasonably require to ascertain whether the state program complies with the requirements of this chapter.

Yes Federal Yes

3745-77-09 (B)(1) require The director shall keep for five years any such records and submit to the administrator such information as the director may reasonably require to ascertain whether the state program complies with the requirements of this chapter.

Yes Federal Yes

3745-77-09 (A)(2) require The director shall give notice of each draft Title V permit to any affected state on or before the time that the director provides this notice to the public under paragraph (G) of rule 3745-77-08 of the Administrative Code.

Federal 40 CFR Part 70

3745-77-09 (B)(3) required if applicable, a PTIO is required if the sources are not covered by a Title V permit.

Federal 40 CFR Part 70

3745-77-09 (H)(1)(b) required and the director has issued a PTIO pursuant to Chapter 3745-31 of the Administrative Code for all air contaminant sources at the facility for which a PTIO is required if the sources are not covered by a Title V permit.

Federal 40 CFR Part 70

3745-77-09 (C)(1)(g) shall not The permit shield under paragraph (F) of rule 3745-77-07 of the Administrative Code shall not extend to minor permit modifications.

Federal 40 CFR Part 70

3745-77-08 (C)(1)(f) shall not The permit shield under paragraph (F) or rule 3745-77-07 of the Administrative Code shall not extend to group processing of minor permit modifications.

Federal 40 CFR Part 70

3745-77-08 (C)(1)(h) shall not This paragraph shall not affect the applicability of Chapter 3745-31 of the Administrative Code to any source that is required to have a permit to install under that chapter.

Federal 40 CFR Part 70

3745-77-09 (A)(3) shall The director shall require the applicant to provide a copy of the permit application (including the compliance plan) directly to the administrator.

Federal 40 CFR Part 70
<table>
<thead>
<tr>
<th>Section</th>
<th>Clause</th>
<th>Text</th>
<th>40 CFR Part 70 - Title V of the CAA &amp; ORC 3745.04</th>
<th>Federal &amp; State</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-77-10 (A)</td>
<td>Shall</td>
<td>The director <strong>shall</strong> have authority to include in Title V permits any terms and conditions that are authorized by Ohio law,</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State yes</td>
</tr>
<tr>
<td>3745-77-10 (A)</td>
<td>shall</td>
<td>such terms and conditions <strong>shall</strong> be &quot;state only&quot; requirements.</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (A)</td>
<td>Shall</td>
<td>The director <strong>shall</strong> prescribe the manner and form for the inclusion</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State yes</td>
</tr>
<tr>
<td>3745-77-10 (B)</td>
<td>Shall</td>
<td>Terms and conditions of a Title V permit that are imposed pursuant to state law only <strong>shall</strong> be identified in the permit as not federally enforceable and</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (B)</td>
<td>required</td>
<td>conditions that are <strong>required</strong> under the act or any applicable requirements.</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (B)</td>
<td>Shall</td>
<td>all federally enforceable terms and conditions in a Title V permit <strong>shall</strong> be enforceable by the director as well as by the administrator.</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (C)</td>
<td>Shall</td>
<td>[The director may modify or eliminate any state only terms and conditions... Nothing in this paragraph shall affect the applicability of the notification and recordkeeping requirements]</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (D)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> violate any state only term or condition of a Title V permit</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-10 (D)</td>
<td>shall</td>
<td>Any violation of any state only term or condition of a Title V permit <strong>shall</strong> be a violation of division (J)(2) of section 3704.05 of the Revised Code.</td>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036 Federal - mandated, state implemented approved program</td>
<td>Yes Federal &amp; State no</td>
</tr>
<tr>
<td>Rule Number</td>
<td>Section</td>
<td>Description</td>
<td>Federal-Mandated, State-Implemented Program</td>
<td>Reference</td>
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<tr>
<td>3745-77-10</td>
<td>(D)</td>
<td>Shall No person (shall) operate an emissions unit after the effective date of a final suspension or revocation of the applicable state only portion of a Title V permit.</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-11</td>
<td>(A)</td>
<td>Shall Notwithstanding any provisions to the contrary in this chapter, on or after January 2, 2011 Title V permits for major sources emitting greenhouse gases shall be required as provided in this rule and in 40 CFR Section 70.2</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-11</td>
<td>(A)</td>
<td>Required (required) as provided in this rule and in 40 CFR Section 70.2</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-11</td>
<td>(B)</td>
<td>Shall No initial Title V permit application shall be required for any major source that, except for its CO2 equivalent emissions of greenhouse gases, is not a Title V source</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-11</td>
<td>(C)</td>
<td>Shall No initial Title V permit application shall be (required) for any major source that, except for its CO2 equivalent emissions of greenhouse gases and mass emissions of greenhouse gases as of July 1, 2011, is not a Title V source</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>3745-77-11</td>
<td>(D)</td>
<td>Shall This rule and any terms or conditions of Title V permits regarding greenhouse gases shall cease to be effective if any of the following occurs</td>
<td>Yes</td>
<td>Federal &amp; State no</td>
</tr>
<tr>
<td>Rule Citation</td>
<td>Action</td>
<td>Requirement</td>
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<tr>
<td>3745-77-11 (D)(3)</td>
<td>require</td>
<td>Action by the president of the United States or the president's authorized agent, including the administrator, to repeal, withdraw, suspend, postpone, or delay the amendments to 40 CFR Section 51.166 promulgated on June 3, 2010, or to otherwise limit or delay the administrator’s exercise of authority to require preconstruction permitting of sources of greenhouse gas emissions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
<td></td>
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</tr>
<tr>
<td>3745-77-11 (E)</td>
<td>shall</td>
<td>To the extent that any action or determination listed in paragraphs (D)(1) to (D)(3) of this rule requires the permitting of any major source of greenhouse gas emissions at levels below the permitting thresholds set forth in paragraph (A) of this rule, the permitting thresholds in paragraph (A) of this rule shall remain in effect unless and until this rule is amended or rescinded.</td>
<td></td>
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</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
<td></td>
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</tr>
<tr>
<td>3745-77-11 (E)</td>
<td>requires</td>
<td>To the extent that any action or determination listed in paragraphs (D)(1) to (D)(3) of this rule requires the permitting of any major source of greenhouse gas emissions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
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</tr>
<tr>
<td>3745-77-11 (F)</td>
<td>shall</td>
<td>No Title V permit shall be required due to greenhouse gas emissions from any major source under this chapter, and</td>
<td></td>
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</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
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</tr>
<tr>
<td>3745-77-11 (F)</td>
<td>shall</td>
<td>greenhouse gases shall not be deemed to be subject to regulation or regulated air pollutants under this chapter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
<td></td>
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<tr>
<td>3745-77-11 (F)</td>
<td>required</td>
<td>Nothing in this rule is intended to be, and nothing in this rule shall be interpreted to be, an “emission limitation” or “emission standard”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3704.03(E), 3704.03(G), 3704.03(X), 3704.036</td>
<td>Federal-mandated, state implemented approved program</td>
<td>40 CFR Part 70 - Title V of the CAA Sections 501 - 507, USC Sections 7661 - 7661(j)</td>
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</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
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</tr>
<tr>
<td>3745-78-01</td>
<td>(A)</td>
<td>shall</td>
<td>the definitions in rule 3745:77-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-01</td>
<td>(B)</td>
<td>shall</td>
<td>The following definitions shall apply exclusively to this chapter</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-01</td>
<td>(B) [3]</td>
<td>shall</td>
<td>The hard copy form with original signature shall be provided to the Ohio environmental protection agency after a facsimile is submitted</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-01</td>
<td>(B) [3]</td>
<td>required</td>
<td>Submit or &quot;submitted&quot; means to present, or to have presented, to the Ohio environmental protection agency a document that is required under this chapter...</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(A)</td>
<td>shall not</td>
<td>a fee emission report that quantifies the actual emission data for particulate matter, sulfur dioxide, organic compounds, nitrogen oxides, and lead (but shall not also be considered particulate matter)</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(A)</td>
<td>shall</td>
<td>the potential to emit emission data shall be calculated annually on the basis of the facts as they existed on December thirty-first of the previous year.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(A)</td>
<td>shall</td>
<td>The owner or operator of a facility shall pay fees on the facility's actual emissions as specified in division (C) of section 3745:11 of the Revised Code.</td>
<td>3704.036(B), ORC 3745:11 Federal</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(B)</td>
<td>shall</td>
<td>owners or operators of facilities whose sum of actual annual emissions of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter)</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(C) [3]</td>
<td>shall</td>
<td>the following definitions shall apply exclusively to this chapter</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(D)</td>
<td>shall</td>
<td>Owners or operators of facilities shall pay fees on actual emissions for each of the prior two calendar years as specified in division (D) of section 3745:11 of the Revised Code.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(D)</td>
<td>shall</td>
<td>By April 15, 1996, and by April fifteenth every two years thereafter, except as provided by paragraph (D) of this rule, owners or operators of facilities whose sum of actual annual emissions from the facility of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter)</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(D)</td>
<td>shall</td>
<td>This statement shall be made on the fee emission report for the prior two years as specified in division (D) of section 3745:11 of the Revised Code. Owners or operators of facilities subject to this paragraph shall be responsible for payment of these fees.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(D)</td>
<td>shall</td>
<td>Owners or operators of facilities subject to this paragraph shall be responsible for payment of these fees.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(F)</td>
<td>shall</td>
<td>If authorized to collect a fee under division (D) of section 3745:11 of the Revised Code, owners or operators of a synthetic minor facility shall submit, by April 15, 2000 and each year thereafter, except as provided by paragraph (G) of this rule, in a form and manner prescribed by the director</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(F)</td>
<td>shall not</td>
<td>a fee emission report that quantifies the actual emission data for particulate matter, sulfur dioxide, organic compounds, nitrogen oxides, and lead (but shall not also be considered particulate matter).</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(F)</td>
<td>shall</td>
<td>For purposes of this requirement, the fee emission report shall be calculated annually.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(F)</td>
<td>shall</td>
<td>The owner or operator of a facility identified in this paragraph shall pay fees on the facility's actual emissions as specified in division (D) of section 3745:11 of the Revised Code.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(G)</td>
<td>shall</td>
<td>Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008.</td>
<td>3704.036(B), ORC 3745:11</td>
</tr>
<tr>
<td>Rule Number</td>
<td>Section</td>
<td>Language</td>
<td>Description</td>
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</tr>
<tr>
<td>3745-78-02</td>
<td>(A)</td>
<td>must</td>
<td>... owners or operators of sources subject to the Title V permit program pursuant to rule 3745-77-02 of the Administrative Code, including facilities with a potential to emit any one regulated air pollutant of a quantity greater than or equal to one hundred tons per year, or any one hazardous air pollutant (HAP) greater than or equal to ten tons per year, or any combination of hazardous air pollutants greater than twenty-five tons per year, must submit, in a form and manner prescribed by the director ...</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(B)</td>
<td>required</td>
<td>For any facility whose owner or operator does not file a fee emission report required in paragraph (A) of this rule, the director may require the owner or operator of that facility to submit annually potential to emit emission data to support the claim that the facility is not subject to paragraph (A) of this rule based upon engineering calculations, emission factors, material balance calculations, or performance testing methods.</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(C)</td>
<td>required</td>
<td>By April 15, 1996, and by April fifteenth every two years thereafter, except as provided by paragraph (G) of this rule, owners or operators of facilities whose sum of actual annual emissions of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) from the emission units at the facility for which the owner or operator is required to apply for a permit-to-install or a permit-to-install and operate under Chapter 3745-31 of the Administrative Code, are greater than or equal to fifty tons per year and are not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, shall submit in a format and manner prescribed by the director a fee emission report that includes the following:</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(D)</td>
<td>required</td>
<td>... owners or operators of facilities whose sum of actual annual emissions from the facility of particulate matter, sulfur dioxide, organic compounds, nitrogen oxide, and lead (but shall not also be considered particulate matter) are less than fifty tons per year, shall attest to the fact that the owner or operator of the facility is not required to apply for a permit under the provisions of rule 3745-77-02 of the Administrative Code, and that the sum of the pollutants stated in this paragraph are less than fifty tons per year.</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(E)</td>
<td>require</td>
<td>For any owner or operator who claims to be subject to paragraph (D) of rule 3745-77-02 of the Administrative Code, the director may require the owner or operator of that facility to submit annual actual emission or potential to emit data to support this claim based upon engineering calculations, emission factors, material balance calculations, or performance testing methods.</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(F)</td>
<td>required</td>
<td>Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008.</td>
<td></td>
</tr>
<tr>
<td>3745-78-02</td>
<td>(G)</td>
<td>required</td>
<td>Fee emission reports due during calendar year 2008 and required under paragraph (A), (C) or (F) of this rule and the statement required under paragraph (D) of this rule, shall be submitted by June 6, 2008.</td>
<td></td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
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<tr>
<td>3745-79-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-01</td>
<td>(A)</td>
<td>shall</td>
<td>Each notice shall be in the form and manner described in paragraph (B) of this rule.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>shall</td>
<td>The public notices required pursuant to paragraph (A) of this rule shall be published at least once in the English language.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>shall</td>
<td>The public notice shall also be published in the Ohio EPA Weekly Review.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>shall</td>
<td>published in the Ohio EPA Weekly review and, in addition, shall be distributed to each individual registered under rule 3745-79-02 of the Administrative Code.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>shall</td>
<td>The public notice shall consist of a synopsis.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(C)</td>
<td>shall</td>
<td>The director shall take such additional steps as are reasonably calculated to inform owners and operators of small business.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(C)</td>
<td>shall</td>
<td>additional notice by any means other than as specified in paragraph (B) of this rule shall not in any way invalidate any action that may be taken by the director</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(D)</td>
<td>shall</td>
<td>Copies of any proposed regulations and standards noticed pursuant to paragraph (B) of this rule shall be available from the date of the notice from the director for any person who wishes to obtain a copy.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(E)</td>
<td>shall not</td>
<td>However, failure to furnish such copies to any person shall not invalidate any action that may be taken by the director</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(A)</td>
<td>required</td>
<td>If public notice is not otherwise required under Chapter 3745-47 or 3745-49 of the Administrative Code, the director shall give public notice.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>required</td>
<td>The public notices required pursuant to paragraph (A) of this rule shall be published at least once in the English language</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>3745-79-03</td>
<td>(B)</td>
<td>required</td>
<td>In the case of guidance issued, the topics covered, and, if a public hearing is required by law, the date, time, and place of public hearing.</td>
<td>3704.036(B), 3704.036(A) and 3704.036(B)</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
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<tr>
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</tr>
<tr>
<td>3745-80-02</td>
<td>(A)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> sell, offer for sale, possess for sale, advertise, manufacture, install or use any part or component intended, by such person, for use with or as part of any motor vehicle when a purpose is to bypass, defeat, or render inoperative, in whole or part, the emission control system.</td>
<td>3704.03</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(B)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> introduce leaded fuel into a motor vehicle that is designed, manufactured or certified by the United States environmental protection agency to use only unleaded fuels.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(C)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> tamper with any emission control system installed on or in a motor vehicle prior to the sale and delivery to the ultimate purchaser or lessee.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(D)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> knowingly operate a motor vehicle that has been tampered with.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(E)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> knowingly sell, lease, rent or offer to sell, lease, or rent or offer to transfer title or a right to possession of a motor vehicle that has been tampered with.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(F) (1)</td>
<td>Shall</td>
<td>The statement &quot;this vehicle is not being offered for lease or rental at this time&quot; shall be printed on the placard...</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(F) (2)</td>
<td>Shall</td>
<td>The dimensions of the placard shall be at least...</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-02</td>
<td>(F)</td>
<td>Shall</td>
<td>No person <strong>shall</strong> knowingly tamper with any emission control system installed on or in a motor vehicle after sale, lease, or rental and delivery of the motor vehicle to the ultimate purchaser, lessee or renter.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(B)</td>
<td>Shall</td>
<td>All anti-tampering inspectors <strong>shall</strong> satisfactorily complete the training required to receive a designation of authorized representative of the United States environmental protection agency for the purpose of conducting anti-tampering investigations or other motor vehicle anti-tampering training approved by the director.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(B)</td>
<td>Shall</td>
<td>Each anti-tampering inspector who satisfactorily completes the training <strong>shall</strong> be issued a certificate by the Ohio environmental protection agency.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(B)</td>
<td>Shall</td>
<td>The certificate <strong>shall</strong> be valid for three years from the date of issuance.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(B)</td>
<td>Shall</td>
<td>If an inspector fails to satisfactorily complete any required renewal training prior to the certificate expiration date, the inspector <strong>shall</strong> surrender the certificate.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(C)</td>
<td>Shall</td>
<td>Anti-tampering inspectors <strong>shall</strong> inspect a variety of motor vehicle makes, model years and types so as to provide an adequate cross section of the motor vehicles offered for sale at the motor vehicle facility.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(D)</td>
<td>Shall</td>
<td>Anti-tampering inspectors <strong>shall</strong> inspect the motor vehicle emission systems in accordance with the procedures listed in the statewide anti-tampering procedures manual.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(E)</td>
<td>Shall</td>
<td>The emission system reference manual or the motor vehicle emission control information (VECI) label located on each motor vehicle <strong>shall</strong> be used to determine the motor vehicle emissions systems requiring inspection.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(E)</td>
<td>Shall</td>
<td>If a conflict exists, the VECI label <strong>shall</strong> take precedence.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(F)</td>
<td>Required</td>
<td>Inspectors <strong>shall</strong> satisfactorily complete the training <strong>required</strong> to receive a designation of authorized representative...</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(F)</td>
<td>Required</td>
<td>The certificate <strong>shall</strong> be valid for three years from the date of issuance. Renewal anti-tampering training may be <strong>required</strong> in order to renew the certificate.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>3745-80-03</td>
<td>(F)</td>
<td>Required</td>
<td>If an inspector fails to satisfactorily complete any <strong>required</strong> renewal training prior to the certificate expiration date, the inspector <strong>shall</strong> surrender the certificate.</td>
<td>3704.03, 3704.16</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
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</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)</td>
<td>shall</td>
<td>The unit shall conform to the following:</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)(b)</td>
<td>shall</td>
<td>the unit's combustion chamber and primary energy recovery section shall . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)(c)</td>
<td>shall</td>
<td>and the primary energy recovery section (such as waterwalls and superheaters) shall . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)(d)</td>
<td>shall</td>
<td>While in operation, the unit shall maintain a thermal energy recovery efficiency of at least sixty percent, calculated in terms of the recovered energy compared with the thermal value of the fuel.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)(e)</td>
<td>shall</td>
<td>the unit shall export and utilize at least seventy-five percent of the recovered energy, calculated on an annual basis.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(D)(1)(f)</td>
<td>shall</td>
<td>In this calculation, no credit shall be given for recovered heat used internally in the same unit.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-01</td>
<td>(Y)(3)</td>
<td>required</td>
<td>In responsible for the safety assessments and clearances related to the procurement, storage, use and disposal of the chemical substance as may be appropriate or required within the scope of conducting a research and development.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-03</td>
<td>(A)</td>
<td>shall</td>
<td>Each person subject to the notification requirements of this chapter shall retain the following records for a period of three years from the date of submission of a report.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-03</td>
<td>(B)</td>
<td>shall</td>
<td>Each person subject to the notification requirements of this chapter shall retain the following records for a period of three years from the date of the submission. . . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-03</td>
<td>(C)</td>
<td>shall</td>
<td>Records retained under this rule shall be maintained at the facility to which the report applies . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-03</td>
<td>(D)</td>
<td>shall</td>
<td>Such records shall be readily available for purposes of inspection by the Ohio EPA.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-03</td>
<td>(E)</td>
<td>shall</td>
<td>Each owner or operator who determines that the owner operator may apply the alternate threshold as specified under paragraph (A) of rule 3745-100-14 of the Administrative Code shall retain the following records for a period of three years from the date of the submission of the certification statement. . . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-04</td>
<td>(A)</td>
<td>shall</td>
<td>Violators of this chapter shall be liable for a civil penalty in an amount not to exceed . . .</td>
<td>3751.02 State</td>
</tr>
<tr>
<td>3745-100-05</td>
<td>(y)</td>
<td>shall</td>
<td>A facility that meets all of the following criteria for a calendar year is a covered facility for that calendar year and shall report under</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(C)</td>
<td>shall</td>
<td>With respect to activities involving a toxic chemical at a facility, when more than one threshold applies to the activities, the owner or operator of the facility shall report if the facility exceeds any applicable threshold . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(D)</td>
<td>shall</td>
<td>The owner or operator of the facility shall report if the facility exceeds any applicable threshold for the total volume of all the members of the category . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(E)</td>
<td>shall</td>
<td>Any such report shall cover all activities at the facility involving members of the category . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(F)</td>
<td>shall</td>
<td>To determine whether the facility has processed or used more than an applicable threshold of the chemical, the owner or operator of the facility shall count the amount of the chemical added to the recycle/reuse operation during the calendar year.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(G)</td>
<td>shall</td>
<td>In completing the reporting form, the owner or operator is only required to account for the quantity of the chemical so manufactured and releases associated with such manufacturing . . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(H)</td>
<td>shall</td>
<td>In that case, only owners or operators of facilities that manufacture that chemical as described in rule 3745-100-10 of the Administrative Code in excess of the threshold applicable to such manufacture in rules 3745-100-10, 3745-100-14, and 3745-100-16 of the Administrative Code are required to report.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-06</td>
<td>(I)</td>
<td>shall</td>
<td>Owners and operators of facilities that solely process or use such a chemical are not required to report for that chemical . . .</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(B)</td>
<td>required</td>
<td>All supporting materials and documentation used in developing each required notice under rule 3745-100-09 of the Administrative Code and a copy of each notice.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(C)</td>
<td>required</td>
<td>...from the date of the submission of the certification statement as required under paragraph (B) of rule 3745-100-14 of the Administrative Code.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(D)</td>
<td>required</td>
<td>A toxic chemical may be listed in rule 3745-100-10 of the Administrative Code with the notation that only persons who manufacture the chemical or manufacture the chemical by a certain method, are required to report.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(E)</td>
<td>required</td>
<td>The chemical is not required to be reported in that case, only owners or operators of facilities that manufacture that chemical as described in rule 3745-100-10 of the Administrative Code in excess of the threshold applicable to such manufacture in rules 3745-100-10, 3745-100-14, and 3745-100-16 of the Administrative Code are required to report.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(F)</td>
<td>required</td>
<td>In that case, only owners or operators of facilities that manufacture, process or use such chemical in the form or of the color specified in rule 3745-100-10 of the Administrative Code, in excess of the threshold applicable to such activity in rules 3745-100-06, 3745-100-14, and 3745-100-16 of the Administrative Code, are required to report.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(G)</td>
<td>required</td>
<td>Owners or operators of facilities that solely manufacture, process or use such a chemical in a form or color other than those specified by rule 3745-100-10 of the Administrative Code are not required to report for that chemical.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(H)</td>
<td>required</td>
<td>Owners and operators of facilities that solely process or use such a chemical are not required to report for that chemical.</td>
<td>3751.02 Federal</td>
</tr>
<tr>
<td>3745-100-07</td>
<td>(I)</td>
<td>required</td>
<td>In completing the reporting form, the owner or operator is only required to account for the weight of the parent metal released.</td>
<td>3751.02 Federal</td>
</tr>
</tbody>
</table>
The owner or operator shall report as described in paragraph (A) of this rule on a toxic chemical that the owner or operator knows is present, if the owner or operator knows the specific chemical identity of the toxic chemical and the specific concentration at which it is present in the mixture or trade name product, the owner or operator shall determine whether the chemical has been manufactured, processed or otherwise used at the facility in excess of an applicable threshold.

If the owner or operator knows the specific chemical identity of the toxic chemical and does not know the specific concentration at which the chemical is present in the mixture or trade name product, but has been told the upper-bound concentration of the chemical in the mixture or trade name product, the owner or operator shall report the generic chemical name of the toxic chemical, or a trade name if the generic chemical name is not known, and all releases of the toxic chemical on “U.S. EPA Form R” and in accordance with the instructions specified in rule 3745-100-11 of the Administrative Code.

If two or more persons, who do not have any common corporate or business interest (including common ownership or control), operate separate establishments within a single facility, each such person shall treat the establishments that person operates as a facility for purposes of this rule.

Each report under this rule for activities involving a toxic chemical that occurred during a calendar year at a covered facility shall be submitted on or before July first of the next year.
If any such operator determines that the establishment is a covered facility under rule 3745-100-05 of the Administrative Code and that a threshold in rule 3745-100-06 of the Administrative Code for a calendar year, the operator shall submit a report in accordance with threshold in rule 3745-100-06.

If a toxic chemical is manufactured, processed, or otherwise used in extraction by facilities in SIC code 12, or in NAICS codes 21211, 212112 or 212113, a person is not required to consider the quantity of the toxic chemical.

The determinations in rules 3745-100-05 and 3745-100-06 of the Administrative Code shall be made for those establishments.

If a “Material Safety Data Sheet” is required to be prepared and distributed for the mixture or trade name product in accordance with 29 CFR 1910.1200, the notification shall be attached to or otherwise incorporated into such “Material Safety Data Sheet.”

When the notification is attached to the “Material Safety Data Sheet,” the notice shall contain clear instructions that the notification must not be detached from the “Material Safety Data Sheet.”

If a “Material Safety Data Sheet” is required to be prepared and distributed for the mixture or trade name product in accordance with 29 CFR 1910.1200, the notification shall be attached to or otherwise incorporated into such “Material Safety Data Sheet.”

The notice would indicate that the toxic chemical is present in the mixture in a concentration of no more than fifteen percent by weight.

If a person considers the specific identity of a toxic chemical in a mixture or trade name product to be a trade secret under provisions of 29 CFR 1910.1200, the notice shall contain a generic chemical name that is descriptive of that toxic chemical.

Notifications are not required in the following instances:

If any such operator determines that the establishment is a covered facility under rule 3745-100-05 of the Administrative Code and that a toxic chemical has been manufactured (including imported), processed or otherwise used at the establishment in excess of an applicable threshold in rule 3745-100-06 of the Administrative Code for a calendar year, the operator shall submit a report in accordance with threshold in rule 3745-100-06.

Coal extraction activities. If a toxic chemical is a constituent of overburden is processed or otherwise used by facilities in SIC code 10, or in NAICS codes 212221, 212222, 212331, 212234 or 212299, a person is not required to consider the quantity of the toxic chemical.

Metal mining overburden. If a toxic chemical that is a constituent of overburden is processed or otherwise used by facilities in SIC code 10, or in NAICS codes 212221, 212222, 212331, 212234 or 212299, a person is not required to consider the quantity of the toxic chemical.
An estimate of the amount of the chemical in waste transferred in pounds (except for dioxin and dioxin-like compounds, which shall be reported in grams) per year (transfers of less than one thousand pounds may be indicated in tons, except...

The only exception to the TRI electronic reporting requirement relates to TRI submissions that claim a trade secret (including sanitized and unsanitized reporting forms) and revisions and withdrawals of such TRI submissions, which shall be submitted to USEPA on paper.

The director shall prescribe and publish a "Fee Calculation Worksheet" which shall be submitted by owners and operators subject to the reporting requirements.

The owner or operator of a facility who fails to submit a "Toxic Chemical Release Form" within thirty days after the applicable date prescribed under this rule shall be credited to the "Toxic Chemical Release Reporting Fund" created in section 3751.05 of the Revised Code for the implementation, administration, and enforcement of the program.

The owner or operator of a facility subject to the reporting requirements that claims a trade secret shall conform to the following:

If a specific chemical identity is submitted under Title III to USEPA, or to a state emergency response commission, designated state agency, local emergency planning committee or local fire department, without asserting a trade secret claim, the chemical identity shall be considered to have been voluntarily disclosed and not a trade secret.

The owner or operator of a facility shall also be submitted to the state official or officials designated to receive this information.

If the submitter wishes to claim information in the substantiation as trade secret or business confidential, the submitter shall do so in accordance with 40 CFR 350.76.

The submitter shall enter the generic class or category that is structurally descriptive of the chemical, as specified in paragraph (C) of this rule.

This copy shall be identical to the document in paragraph (B)(1)(a) of this rule, except that the submitter shall delete the chemical identity claimed as a trade secret.

If an owner or operator of a facility determines that the owner or operator may apply the alternate reporting threshold specified in paragraph (A) of this rule for a specific toxic chemical, the owner or operator is not required to submit a report for that chemical...

The submitter shall enter the generic class or category that is structurally descriptive of the chemical, as specified in paragraph (C) of this rule.

If the submitter wishes to claim information in the substantiation as trade secret or business confidential, the submitter shall do so in accordance with 40 CFR 350.76.

The submitter shall enter the generic class or category that is structurally descriptive of the chemical, as specified in paragraph (C) of this rule.

If the submitter wishes to claim information in the substantiation as trade secret or business confidential, the submitter shall do so in accordance with 40 CFR 350.76.

If the submitter wishes to claim information in the substantiation as trade secret or business confidential, the submitter shall do so in accordance with 40 CFR 350.76.

If an owner or operator of a facility determines that the owner or operator may apply the alternate reporting threshold specified in paragraph (A) of this rule for a specific toxic chemical, the owner or operator is not required to submit a report for that chemical...

The owner or operator of a facility shall also keep records as specified in paragraph (D) of rule 3745-100-03 of the Administrative Code.
<table>
<thead>
<tr>
<th>Rule 3745-100-14 (D)</th>
<th>shall</th>
<th>Each certification statement under this chapter for activities involving a toxic chemical that occurred during a calendar year at a facility shall be submitted to Ohio EPA on or before July first of the next year.</th>
<th>3751.02</th>
<th>Federal</th>
<th>40 CFR Part 372</th>
<th>No</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rule 3745-100-15 (B)</td>
<td>shall</td>
<td>Alternate threshold certification statement elements. The following information shall be reported on an alternate threshold certification statement pursuant to rule 3745-100-14 of the Administrative Code.</td>
<td>3751.02</td>
<td>Federal</td>
<td>40 CFR Part 372</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
<td>Removal would require state or federal law change?</td>
</tr>
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<td>------------</td>
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<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>3745-103-01</td>
<td>(a)</td>
<td>Shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-15 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(b)(6)</td>
<td>Shall</td>
<td>If the unit is listed in the National Allowance Data Base (NADB), the &quot;1985 actual SO2 emissions rate&quot; for the unit shall be the rate specified by the USEPA in the NADB under the data field &quot;SO2RTE.&quot;</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(b)(10)</td>
<td>Shall</td>
<td>&quot;Allowable SO2 emissions rate&quot; means the most stringent federally enforceable emissions limitation for sulfur dioxide (in pounds per MMBtu) applicable to the unit or combustion source for the specified calendar year, or for such subsequent year as determined by the U.S. EPA where such a limitation does not exist for the specified year. provided that, if a phase 1 or phase II unit is listed in the NADB, the &quot;1985 allowable SO2 emission rate&quot; for the phase I or phase II unit shall be the rate specified by the USEPA in the NADB under the data field &quot;1985 annualized boiler SO2 emission limit.&quot;</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(b)(17)</td>
<td>Shall</td>
<td>Approved clean coal technology demonstration project means a project using funds appropriated under the United States department of energy’s &quot;Clean Coal Technology Demonstration Program,&quot; up to a total amount of two billion five hundred million dollars for commercial demonstration of clean coal technology, or similar projects funded through appropriations for USEPA. The federal contribution for a qualifying project shall be at least twenty percent of the total cost of the demonstration project.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(b)(18)</td>
<td>Shall</td>
<td>&quot;Arch-fired boiler&quot; means ... 3745-103-66 of the Administrative Code, this definition shall apply notwithstanding any other definition in this rule. For purposes of applying rules 3745-103-55 to 3745-103-66 of the Administrative Code, this definition shall apply.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(30)</td>
<td>Shall</td>
<td>Coal-fired utility unit means a utility unit in which the combustion of coal (or any coal-derived fuel) on a Btu basis exceeds 50.0 per cent of its annual heat input during the following calendar year: for phase I units, in calendar year 1990; and, for phase II units, in calendar year 1995 or, for a phase II unit that did not combust any fuel that resulted in the generation of electricity in calendar year 1995, in any calendar year during the period 1990-1995. For purposes of applying rules 3745-103-15 to 3745-103-66 of the Administrative Code, this definition shall apply.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(31)</td>
<td>Shall</td>
<td>Combustion controls means technology that minimizes NOx formation by staging fuel and combustion air flows in a boiler. This definition shall include low NOx burners, overfire air, or low NOx burners with overfire air.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(38)</td>
<td>Shall</td>
<td>&quot;Compensating unit&quot; means an affected unit that is not otherwise subject to acid rain emissions limitation or acid rain emissions reduction requirements during phase I and that is designated as a phase I unit in a reduced utilization plan under 40 CFR 72.43(b); provided that an opt-in source shall not be a compensating unit.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(40)</td>
<td>Required</td>
<td>Compliance certification means a submission to the USEPA or the director of offers environmental protection agency, as appropriate, that is required by this chapter or in accordance with 40 CFR Part 75, Appendix I, Section 2.1.1, to initiate the conditionally valid data status.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(43)</td>
<td>Must</td>
<td>One or more quality assurance tests or diagnostic tests must be passed within a specified time period in accordance with paragraph (b)(15) of 40 CFR 75.20.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(47)</td>
<td>Shall</td>
<td>The term &quot;designated representative&quot; shall be construed to include the alternate designated representative, if any.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(49)</td>
<td>Shall</td>
<td>&quot;Direct public utility ownership&quot; means direct ownership of equipment and facilities by one or more corporations, the principal business of which is sale of electricity to the public at retail. Percentage ownership of such equipment and facilities shall be measured on the basis of book value.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(54)</td>
<td>Shall</td>
<td>Existing unit means a unit (including a unit subject to section 111 of the Clean Air Act) that commenced commercial operation before November 15, 1990 and that on or after November 15, 1990 served a generator with a nameplate capacity of greater than twenty-five MWe.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>3745-103-01</td>
<td>(B)(61)(d)</td>
<td>Must</td>
<td>For the purpose of 40 CFR Part 75, a unit that initially qualifies as gas-fired under paragraph (B)(61)(d)(i) or (B)(61)(d)(ii) of this rule must meet the criteria in paragraph (B)(61)(b) of this rule each year in order to continue to qualify as gas-fired.</td>
<td>3704.03(E)</td>
<td>mandated Federal law, approved state rule</td>
<td>40 CFR, Part 72, Subpart A, § 72.2</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>
"Low NOx burners" and "low NOx burner technology" means commercially available combustion modification NOx controls that minimize NOx formation by introducing coal and its associated combustion air into a boiler such that initial combustion occurs in a manner that promotes rapid devolatilization in a fuel-rich (i.e., oxygen deficient) environment and introduces additional air to achieve a final fuel-lean (i.e., oxygen rich) environment to complete the combustion process. This definition shall include the staging of any portion of the combustion air using nozzles or registers located inside any waterwall hole that includes a burner.

This definition shall exclude the staging of any portion of the combustion air using nozzles or ports located outside any waterwall hole that includes a burner (commonly referred to as NOx ports or separated overfire air ports).

"Indepenent power production facility"... is a new unit required to hold allowances under Title IV of the Clean Air Act; provided that direct public utility ownership of the facility comprising the facility does not exceed fifty percent.

"Owner" means...... However, unless expressly provided for in a leasehold agreement, owner shall not include a passive lessor, or a person who has an equitable interest through such lessor, whose rental payments are not based, either directly or indirectly, upon the revenues or income from the affected unit. Shall include, but not be limited to, any holding company, utility system, or plant manager of an affected unit or affected source, combustion source, or process source.

"Generator" means a device that produces electricity and was or would have been required to be reported as a generating unit pursuant to the United States department of energy form 860 (1999 edition).

"Repowering extension" means owners or operators of certain affected units, which have been operating in 1985 or before with 1985 SO2 emission rates of 1.2 pounds per MMBtu or greater, may apply for additional phase II allowance allocations for up to four years (the extension period) in exchange for replacing existing boiler technology with new USEPA approved clean coal technology.

"Submit"... Compliance with any submission, service, or mailing deadline shall be determined by the date of dispatch, transmission, or mailing and not the date of receipt.
"Ton" or "tonnage" means any short ton (i.e., two thousand pounds). For the purpose of determining compliance with the acid rain emissions limitations and reduction requirements, total tons for a year shall be calculated as the sum of all recorded hourly emissions (or the tonnage equivalent of the recorded hourly emissions) in accordance with 40 CFR Part 75, with any remaining fraction of a ton equal to or greater than 0.50 ton deemed to equal one ton and any fraction of a ton less than 0.50 ton deemed not to equal a ton.

Vertically fired boiler” means a dry bottom boiler with circular burners or coal and air pipes, oriented downward and mounted on waterwalls that are horizontal or at an angle. This definition shall include dry bottom roof-fired boilers and wet bottom top-fired boilers, and wet bottom boilers otherwise meeting the definition of vertically fired boilers, including wet bottom arch-fired boilers, wet bottom roof-fired boilers, and wet bottom top-fired boilers.

Wet bottom boiler” shall include: wet bottom wall-fired boilers, including wet bottom turbo-fired boilers; and wet bottom boilers otherwise meeting the definition of wet-fired boilers, including wet bottom arch-fired boilers, wet bottom roof-fired boilers, and wet bottom top-fired boilers.

The term “wet bottom boiler” shall exclude dry bottom boilers and dry bottom top-fired boilers.

Each of the following units shall be an affected unit, and shall be an affected source, subject to the requirements of the acid rain program.

In any three calendar year period after November 15, 1990, each unit sells to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program.

In any three calendar year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program.

If, during any three calendar year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program.
shall comply with paragraph (F) of this rule.

Within five business days of receiving a statement in accordance with paragraph (C)(1)(a) of this rule, the USEPA shall either deduct the allowances under paragraph (C)(1)(a)(ii) of this rule or notify the owners and operators that there are insufficient allowances to make such deductions.

The exemption under paragraph (C)(1) of this rule shall be effective on January first of the first full calendar year for which the requirements of paragraphs (A) and (C)(1) of this rule are met.

The annual average sulfur content, as a percentage by weight, shall be calculated using the equation in paragraph (D)(2) of this rule.

A utility unit that was issued a written exemption under this rule and that meets the requirements of paragraph (A) and (C)(1) of this rule shall be subject to the requirements of paragraphs (A), (D), (E)(2), and (F) of this rule in lieu of the requirements set forth in the written exemption.

The statement shall be submitted by June 30, 1998.

The statement shall be submitted to the director, a certifying official of each owner of the unit shall submit to the director, a statement (in a format prescribed by the director) meeting the requirements of this rule.

The unit shall not be eligible to be an opt-in source for purposes of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule shall submit a complete acid rain permit application on the later of January 1, 1998 or sixty days after the first date on which the unit is no longer exempt.

The designated representative for a unit that loses its exemption under this rule shall submit a statement to the director.

For purposes of applying 40 CFR Parts 70 and 71, the unit shall not be treated as an affected unit under the acid rain program and shall continue to be subject to any other applicable requirements under 40 CFR Parts 70 and 71.

For purposes of applying 40 CFR Parts 70 and 71, a unit that loses its exemption under this rule shall be treated as an affected unit under the acid rain program and shall submit a statement to the director.

For the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule shall be treated as a new unit that commenced commercial operation on the first date on which the unit is no longer exempt.

For the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that permanently retired shall be exempt from the acid rain program, except for the provisions of this rule, rule

Any affected unit (except for an opt-in source) that is permanently retired shall be exempt from the acid rain program, except for the provisions of this rule, rule

The exemption under paragraph (B)(1) of this rule shall become effective on January first of the first full calendar year during which the unit is permanently retired.

A copy of the statement shall be submitted to the USEPA.
shall be submitted to USEPA. §3704.03(E) mandated Federal law, approved state rules

§3745-103-04 (B)(2) Shall The statement shall state (in a format prescribed by the USEPA) that the unit is permanently retired and

§3745-103-04 (B)(2) Shall comply with the requirements of paragraph (D) of this rule.

§3745-103-04 (B)(3) Shall after receipt of the notice under paragraph (B)(2) of this rule, the director shall amend under rule

§3745-103-04 (C) Shall a unit that was issued a written exemption under this rule and that is permanently retired shall be exempt from the acid rain program, except for

§3745-103-04 (C) Shall and shall be subject to the requirements of paragraph (D) of this rule in lieu of the requirements set forth in the with

§3745-103-04 (C) Shall The director shall amend under rule 3745-103-04, the Administrative Code the operating permit covering the source at which the unit is located, if the source has such a permit, to add the provisions and requirements of the exemption under this paragraph and paragraph (D) of this rule.

§3745-103-04 (D)(1) Shall A unit exempted under this rule shall not emit any sulfur dioxide and nitrogen oxides starting on the date the exemption takes effect.

§3745-103-04 (D)(2) Shall The owners and operators of the unit shall be allocated allowances in accordance with 40 CFR Part 73, Subpart B.

§3745-103-04 (D)(3) Shall A unit exempt under this rule shall not resume operation unless the designated representative of the source that includes the unit submits a complete acid rain permit application.

§3745-103-04 (D)(3) Shall The owners and operators and, to the extent applicable, the designated representative of a unit exempt under this rule shall comply with the requirements of the acid rain program concerning all periods for which the exemption is not in effect.

§3745-103-04 (D)(4)(a) Shall The owners and operators of the unit shall not be eligible to be an opt-in source.

§3745-103-04 (D)(4)(a) Shall For a period of five years from the date the records are created the owners and operators of a unit exempt under this rule shall retain at the source that includes the unit records demonstrating that the unit is permanently retired.

§3745-103-04 (D)(5) Shall on the earlier of the following dates, a unit exempt under paragraph (B) or (C) of this rule shall lose its exemption under the acid rain program and 40 CFR Parts 70 and 71:

§3745-103-04 (D)(5)(a) Shall The date on which the designated representative is required under paragraph (D)(2) of this rule to submit an acid rain permit application.

§3745-103-04 (D)(5)(a) Shall for the purpose of applying monitoring requirements under 40 CFR Part 75, a unit that loses its exemption under this rule or the purpose of applying monitoring requirements under 40 CFR Part 76, a unit that loses its exemption under this rule shall be treated as a new unit that commenced commercial operation on the first date on which the unit resumes operation.

§3745-103-05 (A)(1) Shall The designated representative of each affected source and each affected unit at the source shall do both of the following:

§3745-103-05 (A)(2) Shall each affected source and each affected unit at the source shall do both of the following:

§3745-103-05 (B)(1) Shall The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75 and Section 407 of the Clean Air Act.

§3745-103-05 (B)(2) Shall The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the source or unit, as appropriate, with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the acid rain program.

§3745-103-05 (B)(3) Shall The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Clean Air Act and other provisions of the operating permit for the source.

§3745-103-05 (C)(1) Shall owners and operators of each source and each affected unit at the source shall do both of the following:
Each ton of sulfur dioxide emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of this rule.  

An affected unit shall be subject to the requirements under paragraph (C)(1) of this rule as of the following:  

All allowances shall be held in, deducted from, or transferred among allowance tracking system accounts in accordance with the acid rain program.  

An allowance shall not be deducted in order to comply with the requirements under paragraph (C)(3)(a) of this rule prior to the calendar year for which the allowance was allocated.  

No provision of the acid rain program, the acid rain permit, or an exemption under rule... and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.  

The owners and operators of the source and each affected unit at the source shall comply with the applicable acid rain emissions limitation for nitrogen oxides.  

The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan to the USEPA, as required under 40 CFR Part 77, and submit a copy to the director.  

The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan to the USEPA, as required under 40 CFR Part 77, and submit a copy to the director.  

The owners and operators of an affected source that has excess emissions in any calendar year shall do both of the following:  

Pay to the USEPA without demand the penalty required, and pay to the USEPA upon demand the interest on that penalty, as required by 40 CFR Part 77.  

Pay to the USEPA upon demand the interest on that penalty, as required by 40 CFR Part 77.  

Comply with the terms of an approved offset plan, as required by 40 CFR Part 77.  

Certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.  

All emissions monitoring information, in accordance with 40 CFR Part 75; provided to the extent that 40 CFR Part 75 provides for a three year period of recordkeeping, the three year period shall apply.  

Copies of all reports, compliance certifications, and other submissions and all records made or required under the acid rain program.  

The designated representative of an affected source and each affected unit at the source shall keep, on site at the source each of the following documents for a period of five years:  

Any person who knowingly violates any requirement or prohibition of the acid rain program,... shall be subject to enforcement by the USEPA pursuant to section 113(C) of the Clean Air Act and by the Ohio EPA pursuant to Chapter 3704. of the Revised Code.  

Any person who knowingly makes a false, material statement in any record, submission, or report under the acid rain program shall be subject to criminal enforcement.  

No permit revision shall excuse any violation of the requirements of the acid rain program that occurs prior to the date that the revision takes effect.  

Each affected source and each affected unit shall meet the requirements of the acid rain program.  

Any provision of the acid rain program that applies to an affected source, including a provision applicable to the designated representative of an affected source, shall also apply to the owners and operators of such source and of the affected units at the source.  

Any provision of the acid rain program that applies to an affected unit, including a provision applicable to the designated representative of an affected unit, shall also apply to the owners and operators of such unit.  

Each violation of a provision of rules 3745-103-01 to 3745-103-05 of the Administrative Code and 40 CFR Parts 73, 74, 75, 76, 77, and 78, by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation.
3745-103-05 (H) Shall No provision of the acid rain program, an acid rain permit application, an acid rain permit, or an exemption under rule 3745-103-03 or 3745-103-04 of the Administrative Code shall be construed as one of the following:

3745-103-05 (H)(2) Shall Limiting the number of allowances a source can hold; provided, that the number of allowances held by the source shall not affect the source’s obligation to comply with any other provisions of the Clean Air Act.

3745-103-06 (A)(1) Shall Each submission under the acid rain program shall be submitted, signed, and certified by the designated representative for all sources on behalf of which the submission is made.

3745-103-06 (A)(2) Shall In each submission under the acid rain program, the designated representative shall certify, by the representative’s signature:

3745-103-06 (A)(2)(a) Shall The following statement, which shall be included verbatim in such submission: “I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made.”

3745-103-06 (A)(2)(b) Shall The following statement, which shall be included verbatim in such submission: “I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments.

3745-103-06 (A)(2)(c) Shall I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.”

3745-103-06 (A)(3) Shall The director shall accept or act on a submission made on behalf of owners or operators of an affected source and an affected unit only if the submission has been made, signed, and certified in accordance with paragraphs (A)(2) and (A)(4) of this rule.

3745-103-06 (A)(4) Shall The designated representative of a source shall serve notice on each owner and operator of the source and of an affected unit at the source all of the following:

3745-103-06 (A)(5) Shall The designated representative of a source shall provide each owner and operator of an affected unit at the source a copy of any submission or determination under paragraph (A)(4) of this rule, unless the owner or operator expressly waives the right to receive such a copy.

3745-103-07 (B)(1) Shall In the event of such communication, the director is not required to stay any submission or the effect of any action or inaction under the acid rain program.

3745-103-07 (B)(2) Shall The director shall not adjudicate any private legal dispute concerning the authorization or any representation, action, inaction, or submission of the designated representative shall affect any representation, action, inaction, or submission of the designated representative, or the finality of any decision by the Ohio EPA, under the acid rain program.

3745-103-07 (A)(1)(a) Shall For any source with an existing unit described under paragraph (A)(2) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the unit commences operation.

3745-103-07 (A)(2)(b) Shall For any source with a unit described under paragraph (A)(3)(a) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the unit begins to serve a generator with a nameplate capacity greater than twenty-five MWs.

3745-103-07 (A)(2)(d) Shall For any source with a unit described under paragraph (A)(3)(b) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the three calendar year period in which the unit sold to a utility power distribution system an annual average of more than one-third of its potential electrical output capacity and more than two hundred nineteen thousand MW-hrs actual electric output on a gross basis.

3745-103-07 (A)(2)(e) Shall For any source with a unit described under paragraph (A)(3)(d) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director at least twenty-four months before the later of January 1, 2000 or the date on which the unit commences operation.
For any source with a unit described under paragraph (A)(3)(e) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the calendar year in which the facility fails to meet the definition of a "qualifying facility." 3704.03(E) mandated Federal law, approved state rule

For any source with a unit described under paragraph (A)(3)(f) of rule 3745-103-02 of the Administrative Code, the designated representative shall submit a complete acid rain permit application governing such unit to the director before the later of January 1, 1998 or March first of the year following the calendar year in which the facility fails to meet the definition of an "independent power production facility." 3704.03(E) mandated Federal law, approved state rule

Provided that any delay in issuing an acid rain permit is not caused by the failure of the designated representative to submit in a complete and timely fashion supplemental information, as required by the director, necessary to issue a permit.

Prior to the earlier of the date on which an acid rain permit is issued or denied, an affected unit governed by and operated in accordance with the terms and requirements of a timely and complete acid rain permit application shall be deemed to be operating in compliance with the acid rain program.

Prior to the issuance of or denial of the permit, the affected units covered by the permit application shall be deemed to be enrolling with the specified independent power production facility.

A plan for a compliance option that includes units at more than one affected source shall be final only after every permitting authority with jurisdiction over any such unit has approved the plan with the same modifications or conditions, if any.

The notification under paragraph (B)(1) of this rule shall specify the first calendar year and the last calendar year for which the conditioned approved compliance option is to be activated, if at all, before the date of any enforceable milestone applicable to that compliance option.

The date of activation of the compliance option shall not be a defense against failure to meet the requirements applicable to that compliance option during each calendar year for which the compliance option is activated.
3745-103-09 (C)(1) Shall (termination of compliance Option) Such notification shall be subject to the limitations on termination under rules 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart D, § 72.40 yes yes no

3745-103-09 (C)(2) Shall (Option to be mandating Federal law, approved state rule 40 CFR, Part 72, Subpart D, § 72.40 yes yes no

3745-103-09 (C)(3) The notification under paragraph (C)(1) of this rule shall specify the calendar year for which the termination will take effect. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart D, § 72.40 yes yes no

3745-103-09 (A)(1) Shall Each acid rain permit, including any draft or proposed acid rain permit, shall contain all of the following elements: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart E, § 72.50 yes yes no

3745-103-09 (A)(1)(A) Each source governed by the plan shall sign and certify the notification. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart E, § 72.53 yes yes no

3745-103-11 (A)(2) Shall All elements required for a complete acid rain permit application under rule ... as approved or adjusted by the director. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart E, § 72.55 yes yes no

3745-103-12 (B)(1) Shall Each affected unit operated in accordance with the acid rain permit that governs the unit and that was issued in conjunction with Title IV of the Clean Air Act, as provided in rules 3745-103-01 to 3745-103-21 of the Administrative Code, and 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78, shall be deemed to be operating in compliance with the acid rain program, except as provided in paragraph (C)(5) of rule 3745-103-05 of the Administrative Code. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart E, § 72.56 yes yes no

3745-103-14 (B)(1) Shall The Ohio EPA shall be responsible for administering and enforcing acid rain permits effective in phase II for all affected sources that meet both of the following: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart G § 72.80 yes yes yes

3745-103-13 (B)(2) Shall Each acid rain permit issued in accordance with this rule shall have a term of five years commencing on the effective date; provided that, at the discretion of the Ohio EPA, an acid rain permit for phase II issued to a source may have a term of less than five years where necessary to coordinate the term of such permit with the term of an operating permit. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart G § 72.73 yes yes no

3745-103-13 (B)(2) Shall Each acid rain permit issued in accordance with paragraph (B)(1) of this rule shall take effect by the later of January 1 or: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart G § 72.73 yes yes no

3745-103-14 (B) Shall No administrative appeal concerning an acid rain requirement shall result in a stay of any of the following requirements: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart G § 72.73 yes yes no

3745-103-15 (A) Shall This rule shall govern revisions to any acid rain permit issued by the director and the acid rain portion of any operating permit issued by the director. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.80 yes yes no

3745-103-15 (C)(1) Shall Any designated representative who fails to submit any relevant information or who has submitted incorrect information in a permit revision shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or corrected information to the director. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.80 yes yes no

3745-103-16 (A)(1) Shall Permit modifications shall meet both of the following: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.81 yes yes no

3745-103-17 (A)(1) Shall Fast-track modifications shall follow the following procedures: 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(2) Shall Comments shall be submitted in writing to the director and to the designated representative. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(3) Shall Within ninety days of the close of the public comment period, the Ohio EPA shall consider the fast-track modification and the comments received and approve, in whole or in part or with changes or conditions as appropriate, or disapprove the modification. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(4) Shall The designated representative shall serve a copy of the fast-track modification on the USEPA, the director, and any person entitled to a written notice of a draft permit. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(5) Shall Within five business days of serving such copies, the designated representative shall give public notice. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(6) Shall The public shall have a period of thirty days, commencing on the date of publication of the notice, to comment on the fast-track modification. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(7) Shall Comments shall be submitted in writing to the director and to the designated representative. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no

3745-103-17 (A)(8) Shall Within ninety days of the close of the public comment period, the Ohio EPA shall consider the fast-track modification and the comments received and approve, in whole or in part or with changes or conditions as appropriate, or disapprove the modification. 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 72, Subpart H § 72.82 yes yes no
A fast-track modification shall be subject to the same provisions for review by the USEPA and the director as are applicable to a permit modification.

Administrative amendments shall be subject to the same provisions for review by the USEPA and the director as are applicable to a permit modification.

The director shall submit the revised portion of the permit to the USEPA within ten working days after the date of final action on the request for an administrative amendment.

This procedure shall not be used to terminate a repowering plan after December 31, 1999.

The director shall take final action on an administrative permit amendment, or for the addition of an alternative emissions limitation demonstration period.

The director shall designate the permit revision under paragraph (B) of this rule as having been made as an administrative permit amendment.

The director shall submit the revised portion of the permit to the USEPA.

An administrative amendment shall not be subject to the provisions for review by the USEPA.

The following permit revisions shall be deemed to amend automatically, and become a part of the affected unit’s acid rain permit by operation of law without any further review:

The director determines that the permit must be revised or revoked to assure compliance with acid rain program requirements.

The draft permit shall be reopened for cause whenever any of the following occur:

The director shall reopen an acid rain permit for cause when any of the following occur:

The director shall issue a draft permit changing the provisions, not later than sixty days after the units repowered under an approved repowering plan commences operation at full load, the designated representative of the unit shall submit a report to the USEPA and the Ohio EPA

Not later than sixty days after the units repowered under an approved repowering plan commences operation at full load, the designated representative of the unit shall submit a report to the USEPA and the Ohio EPA

For purposes of applying 40 CFR Parts 72, 73, 75, 77 and 78, each opt-in source shall be treated as an affected unit.

To the extent that any requirement of this rule, 40 CFR Part 72, 40 CFR Part 78, and rule 3745-103-13 of the Administrative Code, are inconsistent with the requirements of rule 3745-77-08 of the Administrative Code, and section 3745.04 of the Revised Code, the director shall proceed in accordance with this rule.

A combustion or process source that becomes an affected unit under this rule shall be subject to all the requirements of 40 CFR Part 73, Subparts C and D, consistent with rules.

A combustion or process source that becomes an affected unit under this rule shall be subject to the requirements of 40 CFR Part 77 applicable to excess emissions of sulfur dioxide and

A fast-track modification shall be subject to the same provisions for review by the USEPA and the director as are applicable to a permit modification.

Administrative amendments shall follow the procedures set forth under paragraph (B) of rule 3745-77-08 of the Administrative Code, are inconsistent with the requirements of rule 3745-77-08 of the Administrative Code, and section 3745.04 of the Revised Code, the director shall proceed in accordance with this rule.

A combustion or process source that becomes an affected unit under this rule shall be subject to all the requirements of 40 CFR Part 73, Subparts C and D, consistent with rules.

A combustion or process source that becomes an affected unit under this rule shall be subject to the requirements of 40 CFR Part 77 applicable to excess emissions of sulfur dioxide and

shall be subject to the requirements of 40 CFR Part 77 applicable to excess emissions of nitrogen oxides.
A combustion or process source that becomes an affected unit under this rule shall be subject to all the requirements of 40 CFR Part 75, consistent with rules 3745-103-02 and 3745-103-03 of the Administrative Code.

If a combustion or process source is located at the same facility as one or more affected units, the combustion or process source shall have the same designated representative as the other affected units at the facility.

The director shall be responsible for all of the following activities:

Each opt-in permit, including any draft or proposed opt-in permit, shall contain all of the following elements in a format specified by the USEPA.

Each opt-in source operated in accordance with the opt-in permit that governs the opt-in source and that was issued shall be issued for a period of five years and may be renewed.

This interim review of sufficiency shall not be construed as the approval or disapproval of the combustion or process source's monitoring system.

The director shall serve the draft opt-in permit or the denial of a draft permit or the draft opt-in permit revisions or the denial of draft opt-in permit revisions on the designated representative of the combustion or process source submitting an opt-in permit application.

The USEPA shall treat the failure to make a timely submission as a rescission of the source's intention to become an opt-in source under this rule.

If the designated representative confirms the combustion or process source's intention to opt in under paragraph (B) of this rule, the director shall give notice of the draft opt-in permit or denial of the draft opt-in permit and an opportunity for public comment.

The effective date of the opt-in permit shall be either January first, April first, July first, or October first for a combustion or process source.

The director shall issue or deny an opt-in permit within eighteen months of receipt of a complete opt-in permit application or such lesser time approved for operating permits.

Shall be deemed to incorporate the definitions of terms under rule 3745-103-01 of the Administrative Code.

Each opt-in permit shall be included in the acid rain permit.

The director shall be responsible for all of the following activities under the opt-in provisions of the acid rain program.

This interim review of sufficiency, for purposes of interim review, if the plan appears to contain information demonstrating that all SO₂ emissions, NOₓ emissions, CO₂ emissions, and opacity of the combustion or process source are monitored and reported in accordance with 40 CFR Part 75.

The USEPA shall make a determination of sufficiency, for purposes of interim review, if the plan appears to contain information demonstrating that all SO₂ emissions, NOₓ emissions, CO₂ emissions, and opacity of the combustion or process source are monitored and reported in accordance with 40 CFR Part 75.

A draft permit or draft opt-in permit revision shall not be served or issued if the monitoring plan is determined not to be sufficient.

The director shall issue or deny an opt-in permit within eighteen months of receipt of a complete opt-in permit application or such lesser time approved for operating permits.

The director shall complete the combustion or process source's monitoring system and submit an application for an operating permit.
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<td>3745-103-28 (O)(2)</td>
<td>Shall After the opt-in permit becomes effective, the USEPA shall allocate allowances to the opt-in source.</td>
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<td>3745-103-28 (O)(2)</td>
<td>mandated Federal law, approved state rule</td>
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<td>40 CFR, Part 74, Subpart B § 74.14</td>
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<tr>
<td>3745-103-28 (E)</td>
<td>Shall The designated representative may petition the USEPA and the director to extend this time period in which an opt-in permit expires and shall explain in the petition why such an extension should be granted.</td>
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<tr>
<td>3745-103-28 (E)</td>
<td>mandated Federal law, approved state rule</td>
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<td>40 CFR, Part 74, Subpart B § 74.14</td>
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<tr>
<td>3745-103-28 (E)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-28 (E)</td>
<td>Shall if the opt-in source has excess emissions in the calendar year for which the withdrawal is to be effective, the designated representative must submit to the USEPA an annual compliance certification report.</td>
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<td>3745-103-28 (E)</td>
<td>mandated Federal law, approved state rule</td>
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<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-28 (E)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-29 (A)</td>
<td>Shall Each complete opt-in permit application for a combustion source shall contain all of the following elements in a format prescribed by the USEPA.</td>
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<td>3745-103-29 (A)</td>
<td>mandated Federal law, approved state rule</td>
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<td>3745-103-29 (A)</td>
<td>40 CFR, Part 74, Subpart B § 74.16</td>
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<tr>
<td>3745-103-29 (A)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-29 (B)</td>
<td>Shall The designated representative of the combustion source shall submit a monitoring plan.</td>
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<tr>
<td>3745-103-29 (B)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-29 (B)</td>
<td>40 CFR, Part 74, Subpart B § 74.16</td>
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<tr>
<td>3745-103-29 (B)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-29 (C)</td>
<td>Shall The designated representative of a combustion source governed by an expired opt-in permit that seeks to become an opt-in source shall submit a new opt-in permit application.</td>
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<td>3745-103-29 (C)</td>
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<tr>
<td>3745-103-29 (C)</td>
<td>yes yes no</td>
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<td>3745-103-29 (D)</td>
<td>Shall The submission shall be made no later than December first of the calendar year preceding the effective date of withdrawal.</td>
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<td>3745-103-29 (D)</td>
<td>mandated Federal law, approved state rule</td>
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<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-29 (D)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-31 (A)</td>
<td>Shall By no later than January thirtieth of the first calendar year in which the withdrawal is to be effective, the designated representative must submit to the USEPA and the director a request to withdraw.</td>
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<tr>
<td>3745-103-31 (A)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (A)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (A)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-31 (B)</td>
<td>Shall The designated representative of the combustion source shall submit to the USEPA an annual compliance certification report.</td>
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<td>3745-103-31 (B)</td>
<td>mandated Federal law, approved state rule</td>
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<td>3745-103-31 (B)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (B)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-31 (C)(1)</td>
<td>Shall If the requirements for withdrawal under paragraphs (B) and (C) of this rule are not met or the USEPA’s action under paragraph (D) of this rule cannot be completed, the USEPA shall issue a notification to the director and the designated representative of the opt-in source that the opt-in source’s request to withdraw is denied.</td>
</tr>
<tr>
<td>3745-103-31 (C)(1)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (C)(1)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (C)(1)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-31 (C)(2)</td>
<td>Shall If the opt-in source’s request to withdraw is denied, the opt-in source shall remain in the opt-in program and shall remain subject to the requirements for opt-in sources contained in this rule.</td>
</tr>
<tr>
<td>3745-103-31 (C)(2)</td>
<td>mandated Federal law, approved state rule</td>
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<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (C)(2)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-31 (D)(1)</td>
<td>Shall An opt-in source that withdraws from the acid rain program shall comply with all requirements under the acid rain program concerning all years for which the opt-in source was an affected unit.</td>
</tr>
<tr>
<td>3745-103-31 (D)(1)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (D)(1)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<td>3745-103-31 (D)(1)</td>
<td>yes yes no</td>
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<tr>
<td>3745-103-31 (F)(1)</td>
<td>Shall If the opt-in source’s request to withdraw is denied, the opt-in source shall remain in the opt-in program and shall remain subject to the requirements for opt-in sources contained in this rule.</td>
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<tr>
<td>3745-103-31 (F)(1)</td>
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<tr>
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<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (F)(1)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-31 (F)(2)</td>
<td>Shall If the director shall amend, in accordance with rules......, the opt-in source’s acid rain permit to terminate the opt-in permit, not later than sixty days from the issuance of the notification under paragraph (F)(1) of this rule.</td>
</tr>
<tr>
<td>3745-103-31 (F)(2)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (F)(2)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (F)(2)</td>
<td>yes yes no</td>
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<td>3745-103-31 (G)(1)</td>
<td>Shall Once a combustion or process source withdraws from the acid rain program and its opt-in permit is terminated, a new opt-in permit application for the combustion or process source may not be submitted prior to the date that is four years after the date on which the opt-in permit became effective.</td>
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<tr>
<td>3745-103-31 (G)(1)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (G)(1)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
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<tr>
<td>3745-103-31 (G)(1)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-31 (G)(2)</td>
<td>Shall If the opt-in source shall continue to be an affected unit until the effective date of the termination.</td>
</tr>
<tr>
<td>3745-103-31 (G)(2)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-31 (G)(2)</td>
<td>40 CFR, Part 74, Subpart B § 74.18</td>
</tr>
<tr>
<td>3745-103-31 (G)(2)</td>
<td>yes yes no</td>
</tr>
<tr>
<td>3745-103-32 (B)(1)</td>
<td>Shall In order to renew an opt-in permit if the director is the permitting authority for the renewed permit, the designated representative of an opt-in source must submit to the director an opt-in permit application at least eighteen months prior to the expiration of an existing opt-in permit or</td>
</tr>
<tr>
<td>3745-103-32 (B)(1)</td>
<td>mandated Federal law, approved state rule</td>
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<tr>
<td>3745-103-32 (B)(1)</td>
<td>40 CFR, Part 74, Subpart B § 74.19</td>
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<tr>
<td>3745-103-32 (B)(1)</td>
<td>yes yes no</td>
</tr>
</tbody>
</table>
Each complete opt-in permit application submitted to renew an opt-in permit shall contain the following elements in a format prescribed by the USEPA:

- Upon receipt of an opt-in permit application submitted to renew an opt-in permit, the director shall issue or deny an opt-in permit.

For combustion sources that commenced operation prior to January 1, 1985, the calendar year for the allowable SO2 emissions rate shall be 1985.

The alternative baseline for these combustion sources shall be calculated using the equation for alternative baseline in paragraph (B)(2) of this rule and the definition of annual fuel consumption.

For other fuels, the combustion source shall specify units of measure.

The alternative baseline for these combustion sources shall be calculated as follows:

- The actual SO2 emissions rate for the specified calendar year, expressed in pounds per MMBtu, shall be calculated as defined under paragraph (C) of this rule based on the submitted data.

The designated representative of the combustion source shall submit the following data and the calculations under paragraph (C) of this rule based on the submitted data.

The designated representative shall also submit the calculations under this rule based on such data.

For combustion sources that commenced operation prior to January 1, 1985, data under this rule shall be submitted for calendar years 1985, 1986, and 1987.

For combustion sources that commenced operation prior to January 1, 1985, the data under this rule shall be submitted for the first three consecutive calendar years during which the combustion source operated after December 31, 1985.

For other fuels, the combustion source must specify units of measure.

For other fuels, the combustion source must specify unit conversion.

For combustion sources that commenced operation after January 1, 1985, the alternative baseline shall be calculated as follows:

For other fuels, the combustion source must specify unit conversion.

The alternative baseline for these combustion sources shall be calculated using the equation for alternative baseline in paragraph (B)(2) of this rule and the definition of annual fuel consumption.

For combustion sources that commenced operation prior to January 1, 1985, the calendar year for calculating the actual SO2 emissions rate shall be 1985.

For combustion sources meeting the requirements of paragraph (C) of rule 3745-103-33 of the Administrative Code, the actual SO2 emissions rate shall be the first year of the three consecutive calendar years of the alternative baseline.

For other fuels, the combustion source shall specify the SO2 emissions factor.

Annual SO2 emissions for the specified calendar year, expressed in pounds, shall be calculated as follows:

Annual fuel consumption for the specified calendar year, expressed in MMBtu, shall be calculated as defined under paragraph (E) of this rule.

Actual SO2 emissions rate calculation. The actual SO2 emissions rate for the specified calendar year, expressed in pounds per MMBtu, shall be calculated as follows:

If the allowable SO2 emissions rate is not expressed in pounds per MMBtu, the allowable emissions rate shall be converted to pounds per MMBtu.

For combustion sources that commenced operation prior to January 1, 1985, the calendar year for the allowable SO2 emissions rate shall be 1985.
For combustion sources that commenced operation after January 1, 1985, the calendar year for the allowable
SO2 emissions rate shall be the first year of the three consecutive calendar years of the alternative baseline.

Current allowable SO2 emissions rate of the combustion source, expressed in pounds per MMBtu, which shall be the most stringent federally enforceable emissions limit in effect as of the date of submission of the opt-in application.

If the allowable SO2 emissions rate is not expressed in pounds per MMBtu, the allowable emissions rate shall be converted to pounds per MMBtu.

The designated representative shall submit the following data:

Current promulgated SO2 emissions limit of the combustion source, expressed in pounds per MMBtu, which shall be the most stringent federally enforceable emissions limit that has been promulgated as of the date of submission of the opt-in permit application and that either is in effect on that date or will take effect after that date.

If the promulgated SO2 emissions limit is not expressed in pounds per MMBtu, the limit shall be converted to pounds per MMBtu.

If other fuels, the combustion source must specify unit conversion.

The designated representative of the opt-in source shall, on or after the effective date of the opt-in permit, submit a annual compliance certification report the following elements, in a format prescribed by the USEPA, concerning the opt-in source and the calendar year covered by the report:

"Actual heat input" shall be the actual annual heat input (in MMBtu) of the opt-in source for the calendar year

The designated representative shall include all of the following in the annual compliance certification report the following elements, in a format prescribed by the USEPA, concerning the opt-in source and the calendar year covered by the report:

The annual compliance certification report under paragraph (A) of this rule, the designated representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the opt-in source in compliance with the acid rain program, whether the opt-in source was operated during the calendar year covered by the report in compliance with the requirements of the acid rain program.

An attempt is required to be reported under paragraph (C)(ii) of this rule, specify the nature of the change.

Except as provided in paragraph (A)(i)(b) of this rule, annual utilization for the calendar year shall be calculated as follows:

The designated representative shall be the sum of the following four elements:

Actual heat input 

Reduction from improved efficiency 

Actual utilization 

Actual emissions
Reduction from demand side measures that improve the efficiency of electricity consumption shall be a good faith estimate of the expected kilowatt hour savings during the calendar year for such measures and the corresponding reduction in heat input (in MMBtu) resulting from those measures.

3704.03(E) mandated Federal law, approved state rule

Reduction from demand side measures that improve the efficiency of steam consumption shall be a good faith estimate of the expected steam savings (in MMBtu) from such measures during the calendar year and the corresponding reduction in heat input (in MMBtu) at the opt-in source as a result of those measures.

3704.03(E) mandated Federal law, approved state rule

Reduction from improvements in heat rate shall be a good faith estimate of the expected reduction in heat rate during the calendar year and the corresponding reduction in heat input (in MMBtu) at the opt-in source as a result of all improved unit efficiency measures at the opt-in source and may include supply-side measures listed in Appendix A, section 2.1 of 40 CFR Part 73.

3704.03(E) mandated Federal law, approved state rule

Reduction from improvement in the efficiency of steam production at the opt-in source shall be a good faith estimate of the expected improvement in the efficiency of steam production during the calendar year and the corresponding reduction in heat input (in MMBtu) at the opt-in source and may include supply-side measures listed in Appendix A, section 2.1 of 40 CFR Part 73.

3704.03(E) mandated Federal law, approved state rule

In order to claim improvements in the efficiency of steam production, the designated representative of the opt-in source shall demonstrate to the satisfaction of the USEPA that the heat rate of the opt-in source has not increased.

3704.03(E) mandated Federal law, approved state rule

The designee representatives of all such opt-in sources and phase I units shall submit with their annual compliance certification reports a certification signed by all such designated representatives.

3704.03(E) mandated Federal law, approved state rule

The certification shall apportion the total kilowatt hour savings or steam savings among such opt-in sources and phase I units.

3704.03(E) mandated Federal law, approved state rule

The number of allowances that shall be deduced, if any, using the formula in paragraph (B)(2)(a) of this rule and the supporting calculations.

3704.03(E) mandated Federal law, approved state rule

The allowances deducted shall have the same or an earlier compliance use date as those allocated under rules 3745-103-33 to 3745-103-39 of the Administrative Code for the calendar year for which the opt-in source has reduced utilization.

3704.03(E) mandated Federal law, approved state rule

The designated representative for each opt-in source shall submit an opt-in utilisation report for the calendar year.

3704.03(E) mandated Federal law, approved state rule

The confirmation report shall include the following elements in a format prescribed by the USEPA.

3704.03(E) mandated Federal law, approved state rule

If the USEPA determines that an opt-in source has reduced utilization for a calendar year during which the opt-in source's opt-in permit is in effect, the USEPA shall deduct allowances.

3704.03(E) mandated Federal law, approved state rule

The confirmation report shall include the following elements in a format prescribed by the USEPA.

3704.03(E) mandated Federal law, approved state rule

For an opt-in source whose opt-in permit becomes effective on a date other than January first, Annual utilization for the first year shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

Average utilization for the calendar year shall be defined as the average of the annual utilization calculated as follows:

3704.03(E) mandated Federal law, approved state rule

for the calendar year taking effect on a date other than January first, average utilization shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

Such calculations are subject to approval by the USEPA and may be used in a format prescribed by the USEPA.

3704.03(E) mandated Federal law, approved state rule

The number of allowances that shall be deducted shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

The number of allowances that shall be deducted shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

shall include all of the following elements in a format prescribed by the USEPA.

3704.03(E) mandated Federal law, approved state rule

The designated representative for each opt-in source shall submit an opt-in utilisation report for the calendar year.

3704.03(E) mandated Federal law, approved state rule

is provided in paragraphs (A)(2)(a) and (A)(2)(b) of this rule, average utilization shall be the sum of annual utilization for the calendar year and the revised annual utilization,

3704.03(E) mandated Federal law, approved state rule

is provided in paragraphs (A)(2)(a) and (A)(2)(b) of this rule, average utilization shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

shall include in their annual compliance certification report only their share of kilowatt hour savings or steam savings.

3704.03(E) mandated Federal law, approved state rule

shall be submitted in accordance with paragraph (C)(2) of this rule.

3704.03(E) mandated Federal law, approved state rule

shall be submitted in accordance with paragraph (C)(2) of this rule.

3704.03(E) mandated Federal law, approved state rule

shall exclude the total kilowatt hour savings or steam savings among such opt-in sources and phase I units.

3704.03(E) mandated Federal law, approved state rule

shall include the following:

3704.03(E) mandated Federal law, approved state rule

shall be calculated as follows:

3704.03(E) mandated Federal law, approved state rule

shall describe the following:

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shall be submitted in accordance with paragraph (C)(2) of this rule.
shall submit their confirmation report a certification signed by all such designated representatives. 3745-103-45 (C)(2)(b)(ii)(a)
shall adjust its determination of reduced utilization for the calendar year for the opt-in source.
shall include in the opt-in source's confirmation report only its share of the verified reduction in heat input.
shall submit a confirmation report as specified under paragraph (C)(2) of this rule, the USEPA.
shall include the recalculations of both annual utilization and average utilization.
shall submit with their confirmation report a certification signed by all such designated representatives.
shall apportion the total kilowatt hour savings or steam savings as defined under paragraph (C)(2)(a) of this rule for the calendar year among such opt-in sources.
shall include in the opt-in source's confirmation report the number of allowances to be credited to the compliance account of the source that includes the opt-in source calculated using the following formula:
shall include in the confirmation report the number of allowances to be credited to the compliance account for the opt-in source's heat input, calculated as follows: If the total...of the amounts of verified reduction in the opt-in source's heat input is greater than the total estimated...of the amount of verified reduction in the opt-in source's heat input included in the confirmation report is less than the total estimated...the designated representative...the number of allowances to be deducted from the compliance account...which equals the absolute value of the result of the formula for allowances credited under paragraph (C)(2)(c)(ii) of this rule.
shall include in the confirmation report the adjusted amount of allowances that would have been held in the opt-in source's compliance subaccount for the deductions made under 40 CFR 73.35(b) had been based on the verified, rather than the estimated, reduction in the opt-in source's heat input, calculated as follows:
shall include in the confirmation report a demonstration of: 3745-103-45 (C)(2)(c)(v)(b)(ii) shall deduct immediately from the compliance account of the source that includes the opt-in source the amount of allowances that USEPA or Ohio EPA determines necessary to offset any increase in excess emissions or to return immediately to the opt-in source's compliance subaccount the amount of allowances determined necessary to account for any decrease in excess emissions.
shall return immediately to the USEPA the amount of allowances that it determines is necessary to offset any increase in excess emissions of sulfur dioxide that results from the correction and shall require the owners and operators of the opt-in source to pay an excess emission penalty in accordance with 40 CFR Part 77.
shall require the owners and operators of the opt-in source to pay an excess emission penalty in accordance with 40 CFR Part 77.
shall upon such submittal...shall include in the confirmation report the number of allowances to be credited to the compliance account for the calendar year for the opt-in source.
shall include in the recalculation of both annual utilization and average utilization.
3745-103-45 (C)(2)(c)(v)(e) require 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.44 yes yes no

3745-103-45 (C)(2)(c)(v)(f) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.44 yes yes no

where "allowances allocated or acquired" shall be the number of allowances held in the compliance account of the source that includes:

3745-103-45 (C)(2)(c)(v)(f) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.44 yes yes no

the total tons of sulfur dioxide emitted by the opt-in source during the calendar year,

3745-103-45 (C)(2)(c)(v)(f) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.44 yes yes no

the total number of allowances deducted for reduced utilization under paragraph (C)(2)(c)(v) of this rule.

3745-103-47 (A)(1) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.46 yes yes no

The USEPA shall deduct allowances equal in number to and with the same or earlier compliance use date as those allocated to the opt-in source for the calendar year in which the shut down occurs and for all future years following the year in which the shut down occurs.

3745-103-47 (B)(1)(d) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.46 yes yes no

The designated representative of an opt-in source that seeks to qualify for the transfer of allowances based on the replacement of thermal energy by a replacement unit shall submit a thermal energy plan.

3745-103-48 (A)(1) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.47 yes yes no

The effective period of the thermal energy plan shall begin at the beginning of the calendar quarter and shall contain all of the following elements in a format prescribed by the USEPA.

3745-103-48 (A)(3) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.47 yes yes no

The allowable SO2 emissions rate, expressed in pounds of SO2 per MMBtu, of each replacement unit shall be the most stringent federally enforceable allowable SO2 emissions rate.

3745-103-48 (A)(3)(g) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.47 yes yes no

When a thermal energy plan is renewed in accordance with paragraph (A)(9) of this rule, the allowable SO2 emission rate at each replacement unit shall be the most stringent federally enforceable allowable SO2 emissions rate.

3745-103-48 (A)(3)(o) Shall 3704.03(E) mandated Federal law, approved state rule 40 CFR, Part 74, Subpart E $ 74.47 yes yes no

The designated representative of the opt-in source seeking to qualify for the transfer of allowances based on the replacement of thermal energy shall submit a thermal energy plan to the director.
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-103-48 (A)(5)(a)</td>
<td>Shall If the opt-in source shall be permanently retired as of the effective date of the thermal energy plan.</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(b)</td>
<td>Shall the opt-in source shall not be required to monitor its emissions upon retirement, consistent with 40 CFR 75.67, provided that the following requirements are met:</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(c)</td>
<td>Required the opt-in source shall not be required to monitor</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(d)</td>
<td>Shall The designated representative of the opt-in source shall include in the plan a request for an exemption from the requirements of 40 CFR Part 75 in accordance with 40 CFR 75.67 and the</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(e)</td>
<td>Shall submit the following statement:</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(f)</td>
<td>Shall the opt-in source shall not emit any sulfur dioxide or nitrogen oxides after the date specified in the plan.</td>
</tr>
<tr>
<td>3745-103-48 (A)(5)(g)</td>
<td>Shall Notwithstanding the monitoring exemption discussed in paragraph (A)(5)(a) of this rule, the designated representative for the opt-in source shall submit the annual compliance certification report</td>
</tr>
<tr>
<td>3745-103-48 (A)(7)(a)</td>
<td>Shall An approved thermal energy plan, including any revised or renewed plan that is approved, shall be incorporated into both the opt-in permit for the opt-in source and the acid rain permit for each replacement unit governed by the plan.</td>
</tr>
<tr>
<td>3745-103-48 (A)(7)(b)</td>
<td>Shall Upon approval, the thermal energy plan shall be incorporated into the acid rain permit for each replacement unit pursuant to the requirements for administrative permit amendments</td>
</tr>
<tr>
<td>3745-103-48 (A)(7)(c)</td>
<td>Shall In order to revise an opt-in permit to add an approved thermal energy plan or to change an approved thermal energy plan, the designated representative of the opt-in source shall submit a plan or a revised plan</td>
</tr>
<tr>
<td>3745-103-48 (A)(7)(d)</td>
<td>Shall A thermal energy plan shall be in effect until the earlier of the expiration of the opt-in permit for the opt-in source or the year for which a termination of the plan takes effect</td>
</tr>
<tr>
<td>3745-103-48 (A)(8)(a)</td>
<td>Shall A notification to terminate a thermal energy plan in accordance with paragraph (C) of this rule...shall be submitted no later than</td>
</tr>
<tr>
<td>3745-103-48 (B)(1)</td>
<td>Shall The fuel associated with the qualifying thermal energy at each replacement unit shall be calculated as follows:</td>
</tr>
<tr>
<td>3745-103-48 (B)(2)</td>
<td>Shall &quot;Qualifying thermal energy&quot; for the replacement shall be as defined in paragraph (B)(1) of this rule; &quot;efficiency constant&quot; for the replacement unit equals 0.85, where the replacement unit is a boiler, and equals 0.80, where the replacement unit is a cogenerator.</td>
</tr>
<tr>
<td>3745-103-48 (B)(3)</td>
<td>Shall The number of allowances transferable from the opt-in source to each replacement unit for the replacement of thermal energy shall be calculated as follows:</td>
</tr>
<tr>
<td>3745-103-48 (C)</td>
<td>Shall As required for all opt-in sources, the designated representative of the opt-in source covered by a thermal energy plan shall submit an opt-in utilization report for the calendar year as part of its annual compliance certification report</td>
</tr>
<tr>
<td>3745-103-48 (D)(1)(b)</td>
<td>Shall If the opt-in source includes in the opt-in utilization report under rule 3745-103-45 of the Administrative Code estimates of allowable emissions for a replacement unit that are higher than the actual values reported in the utilization report for the source, the designated representative of the source shall adjust the number of allowances in the compliance account for each source that includes the opt-in source or a replacement unit to reflect those changes.</td>
</tr>
<tr>
<td>3745-103-48 (D)(2)(b)</td>
<td>Shall If the opt-in source includes in the opt-in utilization report under rule 3745-103-45 of the Administrative Code estimates of allowable emissions for a replacement unit that are higher than the actual values reported in the utilization report for the source, the designated representative of the source shall adjust the number of allowances in the compliance account for each source that includes the opt-in source or a replacement unit to reflect those changes.</td>
</tr>
<tr>
<td>3745-103-48 (D)(3)</td>
<td>Shall The owners and operators of an opt-in source or a replacement unit governed by an approved thermal energy plan shall be liable for any violation of the plan or this rule</td>
</tr>
</tbody>
</table>
The following formula shall be used to determine the total number of allowances to be deducted for the calendar year:

\[ \text{Allowances deducted} = \text{total tons of sulfur dioxide emitted by the opt-in source during the calendar year} \]

Except as provided in paragraph (A)(2) of this rule, “tons emitted” shall be the total tons of sulfur dioxide emitted by the opt-in source during the calendar year.

“Allowances deducted for reduced utilization” shall be the total number of allowances deducted for reduced utilization as calculated.

An opt-in allowance may not be deducted under paragraph (A)(1) of this rule from any allowance tracking system account other than the account of the source that includes the opt-in source allocated such allowance if either of the following applies:

- The USEPA shall deduct allowances beginning with those allowances with the latest recorded date of transfer out of the compliance account of the source that includes the opt-in source.

The notification shall state all of the following:

- The owner or operator of each combustion source shall meet all of the requirements specified in 40 CFR Part 75 for the owners and operators of an affected unit to install, certify, operate, and maintain a continuous emission monitoring system.

- The owner or operator of each opt-in source shall install, certify, operate, and maintain a continuous emission monitoring system, an excepted monitoring system, or an approved alternative monitoring system in accordance with 40 CFR Part 75.

- The designated representative of a combustion source shall meet all of the requirements specified under 40 CFR Part 75 for a designated representative of an affected unit to submit to the USEPA a monitoring plan that includes the information required in a monitoring plan under 40 CFR 75.53.

- This monitoring plan shall be submitted as part of the combustion sources opt-in permit application.

Administrative Code apply to each affected coal-fired utility subject to Section 404(d) or 409(b) of the Clean Air Act on the date the unit is required to meet the acid rain emissions reduction requirement for SO₂.

A coal-fired substitution unit that is designated in a substitution plan that is approved by USEPA and active as of January 1, 1995 shall be treated as a phase I coal-fired utility unit for purposes of this rule.

In the event the designation of such unit as a substitution unit is terminated after December 31, 1995, the unit is no longer required to meet phase I SO₂ emissions limitations, the provisions of this part shall continue to apply.

The owner or operator shall determine the annual average NOₓ emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.
3745-103-57 (C) Shall the owner or operator of a coal-fired substitution unit with a tangentially-fired boiler or a dry bottom wall-fired boiler or before January 1, 1995 or, for a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO₂ shall comply, by such respective date or January 1, 1996, whichever is later.

3745-103-57 (D) Shall the owner or operator of a phase I unit with a cell burner boiler that converts to a conventional wall-fired boiler or of a phase I unit with a cell burner boiler that converts to a conventional wall-fired boiler or before January 1, 1995 or, for a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO₂ shall comply, by such respective date or January 1, 1996, whichever is later.

3745-103-57 (D) Required the date the unit is required to meet acid rain emissions reduction requirements for SO₂ shall comply.

3745-103-57 (E) Shall the date the unit is required to meet acid rain emissions reduction requirements for SO₂ shall comply.

3745-103-58 (A) Shall the date on which the unit is required to meet acid rain emissions reduction requirements for SO₂, the owner or operator of a group two coal-fired boiler with a cell burner boiler, cyclone boiler, a wet bottom boiler, or a vertically fired boiler shall not discharge, or allow to be discharged, emissions of NOₓ to the atmosphere in excess of the following limits, beginning January 1, 2000, the owner or operator of a group one, phase II coal-fired utility unit with a tangentially-fired boiler or a dry bottom wall-fired boiler shall not discharge, or allow to be discharged, emissions of NOₓ to the atmosphere in excess of the following limits, the owner or operator of a phase II unit with a group one boiler that converts to a fixed-bed or other type of utility boiler not included in group one boilers or on or before January 1, 1995 or, a unit subject to Section 404(d) of the Clean Air Act, the date the unit is required to meet acid rain emissions reduction requirements for SO₂ is exempt from the NOₓ emissions limitations specified in paragraph (A) of this rule, but shall comply with the NOₓ emission limitations for group two boilers.

3745-103-58 (B) Shall the owner or operator of a phase II unit with a cell burner boiler, that installs non-plugin-in combustion controls shall comply with the emission limitation applicable to cell burner boilers.

3745-103-59 (A) Shall the owner or operator shall determine the annual average NOₓ emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.

The owner or operator of a phase II coal-fired utility unit with a group one boiler that elects to become subject to the applicable emission limitation under rule 3745-103-57 of the Administrative Code shall not be subject to rule 3745-103-59 of the Administrative Code until January 2008, provided the designated representative demonstrates that the unit is in compliance with the limitation under rule 3745-103-57 of the Administrative Code.

3745-103-59 (A) May not the owner or operator of a phase II unit on which the unit is required to implement an averaging plan prior to January 1, 2000, the owner or operator of a group one, phase II unit with a group one boiler shall have submitted an early election plan to USEPA by January 1, 1997, and shall-determine the annual average NOₓ emission rate, in pound per MMBtu, using the methods and procedures specified in 40 CFR Part 75.

3745-103-60 (A)(4) Shall the owner or operator of a phase II unit for approved for early election shall not submit an application for an alternative early election plan.

3745-103-60 (A)(5) May not submit an application for an alternative early election plan.

3745-103-60 (B) Shall the owner or operator of a phase II unit for approved for early election shall not submit an application for an alternative early election plan.

3745-103-60 (B) Beginning January 1, 2000, the director shall approve any early election plan previously approved by USEPA during phase I, unless the plan is terminated pursuant to paragraph (O)(3) of this rule.

3745-103-60 (D)(2) Shall the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the obligations specified in 40 CFR Part 77.

3745-103-60 (D)(2) Shall the designated representative may not submit a new early election plan.

3745-103-60 (D)(3) Shall the designated representative may not submit a new early election plan.

3745-103-60 (D)(3)(a) May not submit a new early election plan.

3745-103-60 (D)(3)(b) May not submit a new early election plan.
In order to terminate the plan, the designated representative must submit a notice ... by January first of the year for which the plan is to terminate.

If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NOx for phase II units with group one boilers.

A complete permit plan for NOx shall, for each affected unit included in the permit application and subject to this rule, either certify that the unit will comply with the applicable emissions limitation.

A complete compliance plan for NOx for a source shall include all of the following elements in a format prescribed by the director.

The designated representative of the unit shall submit a petition for an alternative emission limitation demonstration period to the director after the unit has been operated for at least three months following installation of the NOx emission control system.

In the petition, the designated representative shall provide all of the following information in a format prescribed by the director and USEPA:

The designated representative of an affected unit that has met the minimum criteria under paragraph (A) of this rule and that has been operated for a period of at least three months following the installation of the required NOx emission control system may submit to the director a petition for an alternative emission limitation demonstration period.

In order for the unit to qualify for an alternative emission limitation, the designated representative shall demonstrate that the affected unit cannot meet the applicable emission limitation...to the satisfaction of the director and USEPA that of the following applies:

The interim alternative emission limitation shall be derived from the data specified in paragraph (D)(10) of this rule using methods and procedures satisfactory to USEPA.

The dates of the operating period (which must be at least fifteen months long) shall be at least fifteen months long.

The report shall include the reasons for the NOx emission control system's failure to meet the applicable emission limitation, and the tests and procedures that will be followed to optimize the NOx emission control system's performance.

The petition shall include all of the following elements in a format prescribed by the director and USEPA:
[Certification that the owner(s) or operator have installed in the affected unit all NOx emission control systems, made any operational modifications, and completed any planned upgrades and/or maintenance (such certification shall explain any differences between the installed NOx emission control system and the equipment configuration described in the approved demonstration period plan.]

3745-103-62 (E)(13) Shall (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (E)(18) Shall (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (E)(18) Shall be derived from the data specified in this rule using methods and procedures satisfactory to USEPA and (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (E)(18) Shall be the lowest annual emission rate the unit can achieve with the installed NOx emission control system. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (E)(11) Shall the owner or operator of an affected unit with a group one boiler that has installed an alternative technology in addition to the installed NOx emission control system, (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (E)(11) Shall The percentage reduction in NOx emissions shall be determined using continuous emissions monitoring data for NOx taken during the time period (under paragraph (D)(3) of this rule) prior to the installation of the NOx emission control system and during long-term load dispatch operation of the specific boiler. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(a) Shall The director shall disapprove a demonstration period if the requirements of paragraph (A) of this rule were not met during the operating period. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(b) Shall The demonstration period as approved by the director shall include, as part of the demonstration period, the four month period prior to submission of the alternative emission limitation application in the demonstration period. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(c) Shall The alternative emission limitation demonstration period shall authorize the affected unit to emit at a rate not greater than the interim alternative emission limitation during the demonstration period. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(e) Shall If the director shall deny the demonstration period if the designated representative cannot demonstrate that the unit met the requirements of paragraph (A)(2) of this rule. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(e) Shall In such cases, the director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall The director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall The director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall If, upon review of a petition to renew an approved alternative emission limitation, the director determines that no changes have been made to the designated representative shall submit, a petition for an alternative emission limitation demonstration period. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall If the director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall The director shall issue or revoke an acid rain permit to apply the approved limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(a) Shall The permit shall authorize the unit to emit at a rate not greater than the approved alternative emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(b) Shall If Ohio EPA or the USEPA disapproves an alternative emission limitation under paragraph (A)(2) of this rule, the owner or operator shall operate the unit. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(c) Shall If, upon review of a petition to renew an approved alternative emission limitation, the director determines that no changes have been made to the designated representative shall submit, a petition for an alternative emission limitation demonstration period. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (F)(3)(e) Shall If the director shall require that the owner or operator operate the unit in compliance with the applicable emission limitation. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (F)(3)(e) Shall If the approved interim alternative emission limitation applies to a unit for part, but not all, of a calendar year, the unit shall determine compliance for the calendar year in accordance with (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes yes

3745-103-62 (G)(1)(a)(i) Shall Each unit with an approved alternative emission limitation demonstration period shall comply with the interim emission limitation specified in the unit's permit. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (G)(1)(a)(i) Shall then the unit shall comply with the standard emission limit under rule(s). (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (G)(1)(a)(ii) Required on the date the petition was required to be submitted under paragraph (E)(2)(i) of this rule. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (G)(1)(a)(iii) Shall If the approved interim alternative emission limitation applies to a unit for part, but not all, of a calendar year, the unit shall determine compliance for the calendar year in accordance with (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (G)(1)(b)(i) Shall A unit with an approved alternative emission limitation demonstration period shall be operated under load dispatch conditions consistent with the operating conditions upon which the design of the NOx emission control system. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no

3745-103-62 (G)(1)(b)(ii) Shall A unit with an approved alternative emission limitation demonstration period shall install all NOx emission control systems. (3704-03(E)) mandated Federal law, approved state rule 40 CFR, Part 76, § 76.10 yes yes no
When the owner or operator identifies boiler or NOx emission control system operating modifications that would produce higher NOx emission reductions, the designated representative shall submit an administrative amendment.

Each unit with an approved alternative emission limitation demonstration period shall conduct all tests required under the approved demonstration period plan.

Each unit included in an averaging plan shall have an alternative contemporaneous annual emission limitation (pound per MMBtu) and can only be included in one averaging plan. All units included in an averaging plan shall have a minimum allowable annual heat input value.

In order to demonstrate that the proposed plan is consistent with paragraph (A)(4) of this rule, the alternative contemporaneous annual emission limitations and annual heat input values assigned to the units in the proposed averaging plan shall meet the following requirements:

For units with an alternative emission limitation, the Btu-weighted annual average emission rate for the units in the averaging plan shall be less than or equal to the Btu-weighted annual average emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations.

A complete NOx averaging plan shall include all of the following elements in a format prescribed by the director and the USEPA.

If any of the units identified in the NOx averaging plan utilize a common stack pursuant to 40 CFR 75.17(a)(2)(i), the same alternative contemporaneous emission limitation shall be assigned to each such unit but different heat input limits may be assigned.

The owners and operators of a unit governed by an approved averaging plan or this rule at that unit or any other unit in the plan shall include all of the following information:

A petition for an alternative emission limitation demonstration period shall include a copy of all bid specifications.
<table>
<thead>
<tr>
<th>Section</th>
<th>(A)(2)(d)</th>
<th>Shall</th>
<th>List of any modifications or replacements of equipment that shall be done prior to the completion of the demonstration period for the purpose of reducing emissions of NOx.</th>
<th>3704.03(E) mandated Federal law, approved state rule</th>
<th>40 CFR, Part 76, § 76.14</th>
<th>yes</th>
<th>yes</th>
<th>no</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-103-65</td>
<td>(A)(2)(e)</td>
<td>Shall</td>
<td>The parametric testing that shall be conducted to determine the reason or reasons if the unit fails to achieve the applicable emission limit.</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.14</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>3745-103-65</td>
<td>(A)(2)(e)</td>
<td>Shall</td>
<td>The tests shall include tests in rule..., which may be modified as follows.</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.14</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>3745-103-65</td>
<td>(A)(2)(e)(iii)</td>
<td>Shall</td>
<td>In the event the performance guarantee or the NOx emission control system specifications require additional tests not listed in rule 3745-103-66 of the Administrative Code, the owner or operator of the unit shall include such additional tests.</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.14</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>3745-103-65</td>
<td>(A)(2)(e)(iii)</td>
<td>Shall</td>
<td>In the event the performance guarantee or the NOx emission control system specifications require additional tests not listed</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.14</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>3745-103-66</td>
<td>(B)</td>
<td>Shall</td>
<td>A petition for an alternative emission limitation shall include all of the following information in accordance with paragraph (E)(7).</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.14</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>3745-103-66</td>
<td>(C)</td>
<td>Shall</td>
<td>In performing the tests specified in paragraph (A) of this rule, the owner or operator shall begin the tests using the equipment settings for which the NOx emission control system was designed.</td>
<td>3704.03(E) mandated Federal law, approved state rule</td>
<td>40 CFR, Part 76, § 76.15</td>
<td>yes</td>
<td>yes</td>
<td>no</td>
</tr>
</tbody>
</table>
Shall Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.

Shall Any group of vessels that are interconnected, or separate vessels that are located in such a manner that a regulated substance potentially could be involved in a release, shall be considered a single process.

Shall Rule 3745-104-01 (B)(31) required "Risk management plan" or "RMP" means a risk management plan required in rule 3745-104-38 of the Administrative Code.

Shall Paragraph (c) of rule 3745-104-01 shall be considered a single process.

Shall Properly shall not be considered contiguous solely because of a railroad or pipeline right-of-way.

Shall The owner or operator shall document this partial pressure measurement or estimate.

Shall Hypothetical worst-case release quantities shall not be considered contiguous solely because of a railroad or pipeline right-of-way.

Shall The demonstration shall be in accordance with the definition of flammability hazard rating in rule 3745-104-02 of the Administrative Code.

Shall The owner or operator shall document the national fire protection association flammability hazard rating.

Shall The owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined by rule 3745-104-02 of the Administrative Code, shall comply with the requirements of this rule no later than the latest of the following dates:

Shall A program two process shall comply with rules 3745-104-17 to 3745-104-23 of the Administrative Code to meet the prevention program requirements.

Shall Processes classified as program three as defined by paragraph (G)(1) and (G)(2) of this rule shall comply with rules 3745-104-24 to 3745-104-35 of the Administrative Code to meet the prevention program requirements.

Shall If at any time a covered process no longer meets the eligibility criteria of its program level, the owner or operator shall comply with the requirements of the new program.

Shall The owner or operator of a stationary source subject to this rule shall submit a single RMP.

Shall The RMP shall include a registration, as defined in rule 3745-104-42 of the Administrative Code, that reflects all covered processes.

Shall The owner or operator of a stationary source with a process eligible for program one, as provided in paragraph (B) of rule 3745-104-05 of the Administrative Code, shall:

Shall The owner or operator of a stationary source with a process eligible for program two, as provided in paragraph (C) of rule 3745-104-05 of the Administrative Code, shall:

Shall The owner or operator of a stationary source with a process eligible for program three, as provided in paragraph (D) of rule 3745-104-05 of the Administrative Code, shall:

Shall The owner or operator of a stationary source with a process subject to program three, as provided in paragraph (D) of rule 3745-104-05 of the Administrative Code, shall:

Shall Any group of vessels that are interconnected, or separate vessels that are located in such a manner that a regulated substance potentially could be involved in a release, shall be considered a single process.

Shall If at any time a covered process no longer meets the eligibility criteria of its program level, the owner or operator shall comply with the requirements of the new program.

Shall The owner or operator of a stationary source with a process subject to program three, as provided in paragraph (D) of rule 3745-104-05 of the Administrative Code, shall:

Shall The owner or operator of a program one and three process shall comply with all requirements of Chapter 3745-104 of the Administrative Code that are applicable to the program level.

Shall The owner or operator of a program two and three process shall comply with all requirements of Chapter 3745-104 of the Administrative Code that are applicable to the program level.

Shall For analyses of offsite consequences, the following endpoints shall be used:

Shall The worst-case release of a regulated toxic substance shall be analyzed assuming a ground level (zero feet) release.

Shall The owner or operator of a program one and three process shall comply with all requirements of Chapter 3745-104 of the Administrative Code that are applicable to the program level.

Shall The owner or operator of a stationary source of a regulated substance shall be the greater of the following:

Shall If at any time a covered process no longer meets the eligibility criteria of its program level, the owner or operator shall comply with the requirements of the new program.

Shall Additional worst-case release scenarios shall be reported if a worst-case release from another covered process(es) at the stationary source.

Shall The worst-case release quantity shall be the greater of the following:

Shall The owner or operator shall document that the quantity in the vessel or pipe, as determined under paragraph (B) of this rule, is released as a gas over ten minutes.

Shall The owner or operator shall document that the quantity in the vessel or pipe, as determined under paragraph (B) of this rule, is released as a gas over ten minutes.

Shall The owner or operator shall document that the quantity in the vessel or pipe, as determined under paragraph (B) of this rule, is spilled instantaneously to form a liquid pool.

Shall The surface area of the pool shall be determined by assuming that the liquid spreads to one centimeter.

Shall The surface area of the contained liquid shall be used to calculate the volatilization rate.
shall The volatilization rate shall account for the highest daily maximum temperature occurring in the past three years.

shall The rate of release to air shall be determined from the volatilization rate of the liquid pool.

shall The owner or operator shall assume that the quantity of the substance, as determined under paragraph (B) of this rule.

shall A yield factor of ten per cent of the available energy released in the explosion shall be used...

shall The owner or operator shall assume that the quantity in the vessel or pipe...

shall The owner or operator shall assume that the total quantity of the substance is released as a gas in ten minutes,.

shall The volatilization rate (release rate) shall be calculated at the boiling point of the substance and at the conditions specified in paragraph (II) of this rule.

shall The owner or operator shall assume that the quantity which becomes vapor in the first ten minutes is involved in the vapor cloud explosion.

shall The owner or operator shall assume that the quantity, as determined under paragraph (B),.

shall A yield factor of ten per cent of the available energy released in the explosion shall be used...

shall The owner or operator shall assume that the quantity which becomes vapor in the first ten minutes is involved in the vapor cloud explosion.

shall The owner or operator shall select as the worst case for flammable substances...

shall The owner or operator shall list on the US geological survey maps or...

shall The owner or operator shall complete a revised analysis within six months of the change and submit to USEPA a revised risk management plan as provided in rule 3745-104-49 of the Administrative Code.

shall The owner or operator shall identify and analyze at least one alternative release scenario for each regulated toxic substance...

shall The owner or operator shall complete a revised analysis within six months of the change and submit to USEPA a revised risk management plan as provided in rule 3745-104-49 of the Administrative Code.

shall The owner or operator shall maintain the following records on the offsite consequence analyses:

shall The owner or operator shall ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.

shall The owner or operator shall update the safety information if a major change occurs that makes the information inaccurate.

shall The owner or operator shall conduct a review of the hazards associated with the regulated substances, processes, and equipment.

shall The review shall identify the following:

shall For processes designed to meet industry standards or federal or state design rules, the hazard review shall, by inspecting all equipment, determine whether the process is designed, fabricated, and operated in accordance with the applicable standards or rules.

shall The owner or operator shall document the results of the review and ensure that problems identified are resolved in a timely manner.

shall The review shall be updated at least once every five years.
The owner or operator shall conduct reviews whenever a major change in the process occurs; all issues identified in the review shall be resolved before startup of the changed process. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall also conduct reviews whenever a major change in the process occurs; all issues identified in the review shall be resolved before startup of the changed process. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall prepare written operating procedures that provide clear instructions or steps for safely conducting activities associated with each covered process consistent with the safety information for that process. 3753.02 Federal 40 CFR part 68 Yes Yes No

The procedures shall address the following: 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall ensure that the operating procedures are updated, if necessary, whenever a major change occurs and prior to startup of the changed process. 3753.02 Federal 40 CFR part 68 Yes Yes No

Consequences of deviations and steps required to correct or avoid deviations. 3753.02 Federal 40 CFR part 68 Yes Yes No

Startup following a normal or emergency shutdown or a major change that requires a hazard review. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall ensure that each employee presently operating a process, and each employee newly assigned to a covered process have been trained or tested competent in the operating procedures provided in rule 3745-104-19. 3753.02 Federal 40 CFR part 68 Yes Yes No

Refresher training shall be provided at least every three years, and more often if necessary. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall train or cause to be trained each employee involved in maintaining the on-going mechanical integrity of the process. 3753.02 Federal 40 CFR part 68 Yes Yes No

Each such employee shall be trained in the hazards of the process, in how to avoid or correct unsafe conditions, and in the procedures applicable to the employee's job tasks. 3753.02 Federal 40 CFR part 68 Yes Yes No

Any maintenance contractor shall ensure that each contract maintenance employee is trained to perform the maintenance procedures developed under paragraph (A) of this rule. 3753.02 Federal 40 CFR part 68 Yes Yes No

The frequency of inspections and tests of process equipment shall be consistent with applicable manufacturers' recommendations, industry standards or codes, good engineering practices, and prior operating experience. 3753.02 Federal 40 CFR part 68 Yes Yes No

Inspection and testing procedures shall follow recognized and generally accepted good engineering practices. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall certify that they have evaluated compliance with the provisions of rules 3745-104-17 to 3745-104-23 of the Administrative Code at least every three years to verify. 3753.02 Federal 40 CFR part 68 Yes Yes No

The compliance audit shall be conducted by at least one person knowledgeable in the process. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall develop a report of the audit findings. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall promptly determine and document an appropriate response to each of the findings... 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall retain the two most recent compliance audit reports. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall investigate each incident which resulted in, or could reasonably have resulted in a catastrophic release. 3753.02 Federal 40 CFR part 68 Yes Yes No

No incident investigation shall be initiated as promptly as possible, but not later than forty-eight hours following the incident. 3753.02 Federal 40 CFR part 68 Yes Yes No

A summary shall be prepared at the conclusion of the investigation which includes at a minimum: 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall promptly address and resolve the investigation findings and recommendations. Resolutions and corrective actions shall be documented. 3753.02 Federal 40 CFR part 68 Yes Yes No

The findings shall be reviewed with all affected personnel whose job tasks are affected by the findings. 3753.02 Federal 40 CFR part 68 Yes Yes No

Investigation summaries shall be retained for five years. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall document that equipment complies with recognized and generally accepted good engineering practices. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall determine and document that the equipment is designed, maintained, inspected, tested, and operating in a safe manner. 3753.02 Federal 40 CFR part 68 Yes Yes No

Information pertaining to the equipment in the process shall include: 3753.02 Federal 40 CFR part 68 Yes Yes No

Information concerning the technology of the process shall include at least the following: 3753.02 Federal 40 CFR part 68 Yes Yes No

Information pertaining to the equipment in the process shall document the equipment complies with recognized and generally accepted good engineering practices. 3753.02 Federal 40 CFR part 68 Yes Yes No

The owner or operator shall complete a compilation of written process safety information before conducting any process hazard analysis required by rule 3745-104-25 of the Administrative Code. 3753.02 Federal 40 CFR part 68 Yes Yes No

Note: Material safety data sheets meeting the requirements of 29 CFR 1910.1200(g) may be used to comply with this requirement to the extent they contain the information required by paragraph (B) of this rule.
3745-104-25 (A) shall The owner or operator shall perform an initial process hazard analysis (hazard evaluation) on processes covered by this chapter. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (A) shall The process hazard analysis shall be appropriate to the complexity of the process and shall identify, evaluate, and control the hazards involved in the process. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (A) shall The owner or operator shall determine and document the priority order for conducting process hazard analyses. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (A) shall The process hazard analysis shall be conducted as soon as possible, but not later than June 21, 1999. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (A) shall These process hazard analyses shall be updated and revalidated, based on their completion date. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (B) shall The owner or operator shall use one or more of the following methodologies that are appropriate to determine and evaluate the hazards of the process being analyzed. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (C) shall The process hazard analysis shall address. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (D) shall The process hazard analysis shall be performed by a team with expertise in engineering and process operations, and the team shall include at least one employee who has experience and knowledge specific to the process being evaluated. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (D) shall The process hazard analysis shall be performed by a team with expertise in engineering and process operations, and the team shall include at least one employee who has experience and knowledge specific to the process being evaluated. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (E) shall The process hazard analysis shall be performed by a team with expertise in engineering and process operations, and the team shall include at least one employee who has experience and knowledge specific to the process being evaluated. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (F) shall Appropriate checks and inspections shall be performed on process equipment. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (G) shall The owner or operator shall establish a system to promptly address the team’s findings and recommendations. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (H) shall The process hazard analysis shall be updated and revalidated by a team meeting the requirements in paragraph (E) of this rule. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (I) shall The owner or operator shall retain process hazard analyses and updates or revalidations for each process covered by this section. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-25 (J) must Also, one member of the team must be knowledgeable in the specific process hazard analysis methodology being used. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (A) shall The owner or operator shall develop and implement written operating procedures that provide clear instructions for safely conducting activities... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (B) shall Operating procedures shall be readily accessible to employees who work in or maintain a process. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (C) shall The operating procedures shall reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (D) shall The owner or operator shall certify annually that these operating procedures are current and accurate. 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (E) shall The owner or operator shall develop and implement safe work practices... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (F) must Emergency shutdown including the conditions under which emergency shutdown is required... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-26 (G) must Steps required to correct or avoid deviation... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (A)(1) shall Each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, shall be trained in an overview of the process... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (A)(1) shall The training shall include but not be limited to emphasis on the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee’s job tasks... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (B) shall Refresher training shall be provided at least every three years... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (C) shall The owner or operator shall ascertain that each employee involved in operating a process has received and understood the training required by this rule... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (C) shall The owner or operator shall prepare a record which contains the identity of the employee, the... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (C)(2) required In lieu of initial training for those employees already involved in operating a process on June 21, 1999 an owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (C)(2) required In lieu of initial training for those employees already involved in operating a process on June 21, 1999 an owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (C)(2) required In lieu of initial training for those employees already involved in operating a process on June 21, 1999 an owner or operator may certify in writing that the employee has the required knowledge, skills, and abilities to... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(1) shall Refresher training shall be provided to maintain the on-going integrity of process equipment... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(2) shall Inspection and testing procedures shall follow recognized and generally accepted good engineering practices... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(3) shall The frequency of inspections and tests of process equipment shall be consistent with applicable manufacturers’ recommendations... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(4) shall The owner or operator shall document each inspection and test that has been performed on process equipment... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(4) shall The documentation shall identify the date of the inspection or test, the name of the person who performed the inspection... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-27 (D)(4) shall The owner or operator shall correct deficiencies in equipment that are outside acceptable limits... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-28 (F)(1) shall The owner or operator shall assure that equipment as it is fabricated is suitable for the process application for which it will be used... 3753.02 federal 40 CFR part 68 Yes Yes No

3745-104-28 (F)(2) shall Appropriate checks and inspections shall be performed to assure that equipment is installed properly and consistent with design specifications... 3753.02 federal 40 CFR part 68 Yes Yes No
<table>
<thead>
<tr>
<th>Section</th>
<th>Text</th>
<th>Citation</th>
<th>Repealed</th>
<th>Affected</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-104-28 (F)(3)</td>
<td>The owner or operator shall assure that maintenance materials ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>3745-104-29 (A)</td>
<td>The owner or operator shall establish and implement written procedures to manage changes, except ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
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</tr>
<tr>
<td>3745-104-29 (B)</td>
<td>The procedures shall include all of the following ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
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<tr>
<td>3745-104-29 (C)</td>
<td>The owner or operator shall assure that maintenance employees whose job tasks will be affected by a change in the process shall be informed of ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
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<tr>
<td>3745-104-29 (D)</td>
<td>shall ... such information shall be updated accordingly ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
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<tr>
<td>3745-104-29 (E)</td>
<td>shall ... procedures or practices shall be updated accordingly ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
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<tr>
<td>3745-104-29 (F)</td>
<td>shall ... a change covered by this paragraph results in a change in the process safety information ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
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</tr>
<tr>
<td>3745-104-29 (G)</td>
<td>shall ... when the modification of the covered process is significant enough to require a change in the process safety information ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
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<tr>
<td>3745-104-30 (A)</td>
<td>shall ... the owner or operator shall perform a pre-startup safety review for new stationary sources and ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-104-30 (B)</td>
<td>shall ... the pre-startup safety review shall confirm that prior to the introduction of regulated substances to a process ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>3745-104-31 (A)</td>
<td>shall ... if a change covered by this paragraph results in a change in the operating procedures or practices ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-104-31 (B)</td>
<td>shall ... An emergency response plan, which ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>3745-104-31 (C)</td>
<td>shall ... shall be updated according to ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-104-31 (D)</td>
<td>shall ... The contractor ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-104-31 (E)</td>
<td>shall ... The owner or operator shall provide to employees and ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3745-104-31 (F)</td>
<td>shall ... The owner or operator ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
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<tr>
<td>3745-104-31 (G)</td>
<td>shall ... The owner or operator ...</td>
<td>3753.02 Federal 40 CFR part 68 Yes Yes No</td>
<td></td>
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</tr>
</tbody>
</table>

**Notes:**
- [3745-104-33 (A)] The owner or operator shall develop a written plan of action regarding the implementation of the employee participation required by this rule.
- [3745-104-33 (B)] The owner or operator shall consult with employees and their representatives to be informed of ... and to all other information required to be developed under this rule.
- [3745-104-34 (A)] The owner or operator shall issue a hot work permit to ... during the performance of hot work operations.
- [3745-104-34 (B)] The permit shall document that the fire prevention and protection requirements ... during the performance of hot work operations.
- [3745-104-35 (A)(1)] The owner or operator, prior to selecting a contractor, shall obtain and evaluate ... instructions as required by this section.
- [3745-104-35 (A)(2)] The owner or operator shall inform the contractor of the known potential fire ... in paragraph (A)(1) of this rule.
- [3745-104-35 (A)(3)] The owner or operator shall explain to the contractor the applicable ... in paragraph (A)(1) of this rule.
- [3745-104-35 (B)] The contractor shall conduct a periodic evaluation of the contractor's ... in paragraph (A)(1) of this rule.
- [3745-104-35 (C)] The contractor shall maintain a record that contains the identity of the contractor employee ... in paragraph (A)(1) of this rule.
- [3745-104-35 (D)] The contractor shall develop a record that contains the identity of the contractor employee ... in paragraph (A)(1) of this rule.
- [3745-104-35 (E)] The contractor shall assure that each contract employee follows the safety rules ... in paragraph (A)(1) of this rule.
- [3745-104-35 (F)] The contractor shall assure that each contract employee ... in paragraph (A)(1) of this rule.
- [3745-104-36 (A)] Except as provided in paragraph (B) of this rule, the owner or operator of a stationary source with program two and program three processes shall comply ... in the stationary source's emergency response plan that includes the elements provided in paragraph (A)(4) of this rule.
- [3745-104-37 (A)] The owner or operator shall develop and implement an emergency response program for the purpose of protecting public health and the environment ... in paragraph (A)(1) of this rule.
- [3745-104-37 (B)] The owner or operator shall develop and implement an emergency response program for the purpose of protecting public health and the environment ... in paragraph (A)(1) of this rule.
The owner or operator shall provide to the local emergency response official information necessary for developing and implementing the community emergency response plan.

The owner or operator shall submit a single RMP that includes the information required.

The RMP shall be submitted in a method and format to a central point as specified by USEPA as of the date of submission.

The owner or operator shall submit the first RMP no later than the latest of the following:

A copy of the initial RMP shall also be submitted to Ohio EPA.

The owner or operator shall submit a RMP no later than the latest of the following:

Any such submission shall also include the information required by paragraph (B)(20) of rule 3745-104-42.

Subsequent submissions of RMPs shall be in accordance with rule 3745-104-49 of the Administrative Code.

A copy of subsequent submissions shall also be submitted to Ohio EPA, but only when the subsequent...

The owner or operator shall submit a single RMP that includes the information required by rules 3745-104-41 to 3745-104-48.

The owner or operator shall complete a single registration form as required by paragraphs (B)(6) and (B)(14).

Any such submission shall also include the information required by paragraph (B)(20) of rule 3745-104-42 of the Administrative Code (indicating that the submission is a correction to include the information required by paragraphs (B)(6) and (B)(14)).

The owner or operator shall seek protection of the information as a trade secret exclusively in the manner set forth in rules 3745-104-39 and 3745-104-40 of the Administrative Code.

Such information shall be designated trade secret only after the director,...

...the owner or operator promptly provide to the local emergency response officials information necessary for developing and implementing the community emergency response plan...

The owner or operator for which an RMP was submitted before June 21, 2004, shall revise the RMP to include the information required by paragraphs (B)(6) and (B)(14).

Businesses meeting the requirements of paragraphs (B)(6) and (B)(14) shall submit a single RMP that includes the information required by rules 3745-104-41 to 3745-104-48...

...the owner or operator shall submit the information claimed as trade secret, except that a generic category or class name shall be substituted...

...the owner or operator seeking protection of the information as a trade secret exclusively in the manner set forth in rules 3745-104-39 and 3745-104-40 of the Administrative Code, shall...

...the owner or operator asserting a claim for trade secret protection with respect to information contained in its RMP shall inform Ohio EPA...

sanitized (redacted) copy of the RMP, with the notation "trade secret" substituted for the information claimed as trade secret, except that a generic category or class name shall be substituted...

Enforcement and penalties for violations of this section, except that a generic category or class name shall be substituted...

The owner or operator shall provide in the RMP an executive summary that includes a brief description of the following elements:...

The owner or operator shall complete a single registration form as required by USEPA and include it in the RMP.

The form shall cover all regulated substances handled in covered processes.

The owner or operator shall submit in the RMP the following information:

If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code, the owner or operator shall submit the same information on the additional scenario(s).

If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code, the owner or operator...

If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code...

If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code...

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If additional worst-case scenarios for toxics or flammables are required by paragraph (A)(2)(c) of rule 3745-104-10 of the Administrative Code...
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<th>Rule Title</th>
<th>Description</th>
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<td>3745-104-47 (b)</td>
<td>The owner or operator shall provide the name and telephone number of the local agency with which emergency response activities...</td>
</tr>
<tr>
<td>3745-104-47 (c)</td>
<td>The owner or operator shall list in the RMP other federal or state emergency plan requirements to which the stationary source is subject.</td>
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<td>3745-104-48 (a)</td>
<td>Shall For program one processes, the owner or operator shall submit in the RMP the certification statement...</td>
</tr>
<tr>
<td>3745-104-48 (b)</td>
<td>Shall For all other covered processes, the owner or operator shall submit in the RMP a single certification...</td>
</tr>
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<td>3745-104-49 (a)</td>
<td>Shall The owner or operator shall review and update the RMP...</td>
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<tr>
<td>3745-104-49 (b)</td>
<td>Shall The owner or operator shall review and update the RMP submitted...</td>
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<tr>
<td>3745-104-49 (c)</td>
<td>Shall Within six months of the date a stationary source is no longer subject to this rule, the owner or operator shall submit a de-registration...</td>
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<tr>
<td>3745-104-49 (d)</td>
<td>Shall The owner or operator shall correct the RMP as follows...</td>
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<tr>
<td>3745-104-49 (d)(1)</td>
<td>Shall For any accidental release meeting the five year accident history reporting criteria of rule 3745-104-16 of the Administrative Code and occurring after April 9, 2004, the owner or operator shall submit the data...</td>
</tr>
<tr>
<td>3745-104-49 (d)(2)</td>
<td>Shall The Title V or 40 CFR Part 71 permit for the stationary source...</td>
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<td>3745-104-49 (d)(3)</td>
<td>Shall Propane...</td>
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<tr>
<td>3745-104-49 (d)(4)</td>
<td>Shall Beginning June 21, 2004, within one month of any change in the emergency contact information...</td>
</tr>
<tr>
<td>3745-104-49 (d)(5)</td>
<td>Shall Within six months of a change that requires a revised PHA or hazard review...</td>
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<tr>
<td>3745-104-49 (d)(6)</td>
<td>Shall Within six months of a change that requires a revised offsite consequence...</td>
</tr>
<tr>
<td>3745-104-50</td>
<td>Shall The owner or operator shall maintain records supporting...</td>
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<tr>
<td>3745-104-51</td>
<td>Required The RMP required in rules 3745-104-38 to 3745-104-49 of the...</td>
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<tr>
<td>3745-104-51 (a)</td>
<td>Shall The Title V or 40 CFR Part 71 permit for the stationary source shall contain...</td>
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<tr>
<td>3745-104-51 (b)</td>
<td>Shall The owner or operator shall submit any additional relevant information requested by Ohio EPA...</td>
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<td>3745-104-52</td>
<td>Shall The owner or operator shall initiate permit revision or reopening according...</td>
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<td>3745-104-53 (a)(1)</td>
<td>Shall an owner or operator who is required to submit a risk management plan under this chapter...</td>
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<td>3745-104-53 (a)(2)</td>
<td>Shall Anhydrous ammonia shall be considered a regulated substance...</td>
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<tr>
<td>3745-104-53 (a)(3)</td>
<td>Shall Propylene shall be considered a regulated substance...</td>
</tr>
<tr>
<td>3745-104-53 (b)</td>
<td>Shall The fees assessed under this rule for the year 1999 shall be collected no later than January 3, 2000...</td>
</tr>
<tr>
<td>3745-104-53 (b)</td>
<td>Shall Each year thereafter, the fees shall be collected no later than September first of each subsequent year...</td>
</tr>
<tr>
<td>3745-104-53 (c)</td>
<td>Shall The fees assessed for a stationary source shall be based upon the regulated substances...</td>
</tr>
<tr>
<td>3745-104-53 (d)</td>
<td>Shall Paragraph (b) of this rule shall submit with the risk management plan a late filing fee...</td>
</tr>
<tr>
<td>3745-104-53 (e)</td>
<td>Shall Except as provided in paragraph (d) of this rule, an owner or operator who is required...</td>
</tr>
<tr>
<td>3745-104-53 (f)</td>
<td>Shall Any owner or operator who is required to submit a risk management plan under this chapter...</td>
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<tr>
<td>3745-104-42 (b)(20)(b)</td>
<td>Require...</td>
</tr>
<tr>
<td>3745-104-39</td>
<td>May not...</td>
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<tr>
<td>OAC Rule #</td>
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<td>3745-110-01 A</td>
<td>shall</td>
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<td>3745-110-03 O2</td>
<td>shall not</td>
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<tr>
<td>3745-110-03 P</td>
<td>shall</td>
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</tbody>
</table>
shall not exceed 0.068 lb/mmBtu.

3745-110-03 Q shall not exceed 0.15 lb/mmBtu. 3745-110-03 P1 shall not exceed 3.4 lbs/hr (250.0 ppmvd) when operating.

3745-110-03 S shall comply with the following NOx emission limitation.

3745-110-03 H2 must be calculated for each one-hour period...

3745-110-03 J1h required A detailed engineering discussion is not required for those control measures which are not applicable to a particular source.

3745-110-03 J4 may not ...the director determines that the information does not or may not indicate that the definition of the best available technology satisfies the requirements...

3745-110-04 A1 shall such certification shall include: equipment description, Ohio environmental protection agency permit application number(s)...

3745-110-04 A1a shall The certification...shall include an application for a permit-to-operate such source...

3745-110-04 A1b shall Such application shall include a compliance program which will bring the source into compliance with all the requirements...

3745-110-04 A2 shall ...paragraph (j) of rule 3745-110-03 of the Administrative Code shall submit a complete RACT study...

3745-110-04 B shall ...alternative schedule for implementing the RACT, shall achieve and demonstrate compliance with said emission limitations...

3745-110-04 B shall ...but in no event later than the following, and shall maintain compliance thereafter...

3745-110-04 B1a required ...if combustion modifications are required to demonstrate compliance with the applicable NOx emission limitations;

3745-110-04 B1b required ...if add-on controls are required to demonstrate compliance with the applicable emission limitations;

3745-110-04 B2a required ...if combustion modifications are required to demonstrate compliance with the applicable emission limitations;

3745-110-04 B2b required ...if add-on controls are required to demonstrate compliance with the applicable emission limitations.

3745-110-05 A shall demonstrate compliance with the applicable emission limit(s) by performing emission tests...

3745-110-05 B shall ...compliance with an applicable emission limitation shall meet the requirements of Performance Specification 2...

3745-110-05 C shall For the compliance demonstrations performed pursuant to paragraph (A) of this rule, the owner or operator shall obtain any additional test data...

3745-110-05 C shall Compliance demonstrations shall be performed that are representative of the normal operating modes...

3745-110-05 C shall ...including fuel types or fuel blends employed and shall exclude periods of startup, shutdown, malfunction, and low load operating conditions.

3745-110-05 D shall ...compliance demonstrations shall be performed while the affected boiler is operating at or as close as possible to its maximum permitted operating capacity.

3745-110-05 G shall ...compliance demonstrations shall be performed while the affected reheat furnace is operating at or as close as possible to its maximum permitted operating capacity.

3745-110-05 Q shall ...bar mill rehearse furnace P202, rated at 165.0 mmBtu/hr, shall not exceed 0.11 lb/mmBtu.

3745-110-03 R shall comply with the following NOx emission limitations.

3745-110-03 P1 shall not exceed 1.86 lbs/hr (200.0 ppmvd) when operating.

3745-110-03 P2 shall not exceed 0.15 lb/mmBtu.

3745-110-03 P3 shall not exceed 0.15 lb/mmBtu.

3745-110-03 P shall not exceed 0.068 lb/mmBtu.

3745-110-01 S shall not exceed a NOx emission rate of 6.0 lbs/ton of lime produced.

3745-110-01 T shall comply with the following NOx emission limitations.

3745-110-01 T shall exceed 0.15 lb/mmBtu.

3745-110-01 Q shall not exceed 3.4 lbs/hr (250.0 ppmvd) when operating.

3745-110-01 R2 shall not exceed 0.15 lb/mmBtu.

3745-110-01 R1 shall not exceed 0.11 lb/mmBtu.

3745-110-01 Q shall not exceed 0.068 lb/mmBtu.

3745-110-01 P shall not exceed 0.15 lb/mmBtu.

3745-110-01 N shall not exceed 0.068 lb/mmBtu.

3745-110-01 M shall not exceed 0.068 lb/mmBtu.

3745-110-01 L shall not exceed 0.15 lb/mmBtu.

3745-110-01 K shall not exceed 0.15 lb/mmBtu.

3745-110-01 J shall not exceed 0.15 lb/mmBtu.

3745-110-01 I shall not exceed 0.068 lb/mmBtu.

3745-110-01 H shall not exceed 0.15 lb/mmBtu.

3745-110-01 G shall not exceed 0.15 lb/mmBtu.
<p>| 3745-110-05 | C | concurrent with the <strong>required</strong> compliance demonstration in order to convert the emission test results or monitoring data to the units of the applicable limit. 3704.03 State No | 3704.03 State | No |</p>
<table>
<thead>
<tr>
<th>OAC Rule #</th>
<th>Paragraph</th>
<th>Restriction</th>
<th>Description/Quotation</th>
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<th>State or Fed Law?</th>
<th>If Fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
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<td>3745-111-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-31.01 of the Administrative Code shall apply to this chapter.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.165</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-01</td>
<td>(F)</td>
<td>required</td>
<td>&quot;Reasonable further progress&quot; or &quot;RFP&quot; means any incremental emission reductions required to fulfill the requirements of paragraphs (B)(1)(A) and (C)(2)(B) of section 182 of the Clean Air Act as specified in the Ohio state implementation plan.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.166</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-01</td>
<td>(G)</td>
<td>required</td>
<td>&quot;Surplus&quot; means emission reductions made below an applicable source baseline which are below allowable emission rates and are not relied upon in the Ohio state implementation plan or required attainment demonstration of the national ambient air quality standards and have not been required by any applicable laws.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.167</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-01</td>
<td>(G)</td>
<td>required</td>
<td>&quot;Surplus&quot; means emission reductions made below an applicable source baseline which are below allowable emission rates and are not relied upon in the Ohio state implementation plan or required attainment demonstration of the national ambient air quality standards and have not been required by any applicable laws.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.168</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(AI)(1)</td>
<td>shall</td>
<td>The purpose of this chapter is to establish a voluntary statewide ERC banking program for the purpose of enabling the acquisition of offsets that shall be implemented in accordance with this chapter.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.169</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(AI)(2)</td>
<td>shall</td>
<td>Nothing in this chapter shall be construed to be a mandatory requirement except when a person, as specified in paragraph (B)(2) of this rule, chooses to voluntarily participate in the ERC banking program.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.170</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(AI)(2)</td>
<td>shall</td>
<td>At such time, the requirements of this chapter shall apply.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.171</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(AI)(3)</td>
<td>shall</td>
<td>Nothing in this chapter shall be construed to restrict the director's authority to attain and maintain the national ambient air quality standards of the Ohio state implementation plan requirements.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.172</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(BI)(2)(b)</td>
<td>shall</td>
<td>For any ERC generating source that voluntarily participates in the ERC banking program located outside the state of Ohio, this chapter and paragraph (A) of rule 3745-31.12 of the Administrative Code shall be applicable.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.174</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(CI)(2)</td>
<td>shall</td>
<td>The generation, transfer and use of ERCs shall be consistent with the Ohio state implementation plan, the Clean Air Act, rules promulgated under the Clean Air Act, this chapter, and Chapter 3745-31 of the Administrative Code.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.175</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>3745-111-02</td>
<td>(CI)(2)</td>
<td>shall</td>
<td>The use of verified ERCs in a nonattainment area shall result in emission reductions consistent with the requirements for reasonable further progress for the nonattainment area and any attainment demonstration specified in the Ohio state implementation plan.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.176</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-02</td>
<td>(CI)(3)</td>
<td>shall</td>
<td>Emission reductions made to correct violations or inaccurate reporting of any applicable emission standard of limitation or emission reduction resulting from a source, process, or process equipment in violation shall not be eligible to generate ERCs to be used or transferred under this chapter.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.177</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-02</td>
<td>(CI)(5)</td>
<td>shall</td>
<td>Nothing in this chapter shall be construed to obviate the need to obtain a permit to install or PTIO under Chapter 3745-31 of the Administrative Code, or a Title V permit under Chapter 3745-77 of the Administrative Code.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.178</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-02</td>
<td>(CI)(5)</td>
<td>shall</td>
<td>Emission reductions in excess of what is required to correct violations are reported and are not required to be reported for any applicable emission standard of limitation or emission reduction resulting from a source, process, or process equipment in violation shall not be eligible to generate ERCs to be used or transferred under this chapter.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.179</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-02</td>
<td>(CI)(5)</td>
<td>shall</td>
<td>Emission reductions in excess of what is required to correct violations are reported and are not required to be reported for any applicable emission standard of limitation or emission reduction resulting from a source, process, or process equipment in violation shall not be eligible to generate ERCs to be used or transferred under this chapter.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.180</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-02</td>
<td>(CI)(5)</td>
<td>prohibited</td>
<td>The use of verified ERCs which would be inconsistent with the requirements contained in Chapter 3745-31 of the Administrative Code is prohibited.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.181</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(A)</td>
<td>shall</td>
<td>When voluntarily participating in the ERC banking program, ERCs shall be generated by the following emission reduction techniques:</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.182</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(AI)(5)</td>
<td>shall</td>
<td>The incidental emissions reduction of air pollutants contained in paragraph (B)(1) of rule 3745-111-02 of the Administrative Code resulting from reductions of a collateral pollutant required under the Clean Air Act shall be permitted, provided the emission reduction meets the requirements of this chapter and Chapter 3745-31 of the Administrative Code.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.183</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(AI)(6)</td>
<td>shall</td>
<td>Acceptable mobile source ERC generation that reduces actual emissions shall be approved by the director on a case-by-case basis.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.184</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(B)</td>
<td>shall</td>
<td>The emission baseline from which ERCs may be generated shall be established to determine the amount of actual emissions from an air contaminant source, process, or process equipment for the purpose of generating ERCs that result in actual emission reductions.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.185</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(B)(1)</td>
<td>shall</td>
<td>The emission baseline shall be expressed in tons of pollutant emitted per year.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.186</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(B)(1)(c)</td>
<td>shall</td>
<td>In establishing the baseline used to calculate ERCs, the Ohio EPA shall consider emission characteristics and operating conditions which include, at a minimum, the emission rate, capacity utilization, hours of operations and seasonal emission rate variations, in accordance with the following:</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.187</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(B)(2)</td>
<td>shall</td>
<td>The baseline emissions rate shall not exceed the allowable emissions rate taking into consideration the definition under paragraph (G) of rule 3745-111-01 of the Administrative Code.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.188</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(B)(2)</td>
<td>shall</td>
<td>The baseline determination requirements under rule 3745-31.24 of the Administrative Code shall apply.</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.189</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-03</td>
<td>(CI)(1)</td>
<td>shall</td>
<td>When participating in the ERC banking program, emission monitoring and quantification protocols to quantify emissions, emission reductions, and the generation of ERCs shall be reliable, enforceable, and replicable may include the following:</td>
<td>§704.03(F)</td>
<td>State</td>
<td>CAA Section 173; 40 CFR 51.190</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
When participating in the ERC banking program, an ERC generation notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum:

3745-111-03 (D)(1) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.193 | No | No | Yes |

When participating in the ERC banking program, an ERC generation notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum:

3745-111-03 (E)(1) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.193 | No | No | No |

Participate in the banking program which shall include submittal of information required under paragraph (D)(1)(a) of this rule for approval of verified ERCs.

3745-111-03 (F)(1)(a)(i) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.194 | No | No | No |

Participate in the ERC banking program which shall include submittal of information required under paragraph (D)(1)(b) of this rule for approval of un-verified ERCs.

3745-111-03 (F)(1)(a)(ii) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.195 | No | No | No |

The facility shall forfeit possession of the ERCs to Ohio EPA, upon the date the permanent shutdown is certified with, or verified by Ohio EPA for use at the director's discretion.

3745-111-03 (F)(2)(d) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.197 | No | No | No |

The installation and operation of pollution control equipment that reduces emissions below the level required from an existing air contaminant source or facility to less than that required by applicable laws.

3745-111-03 (F)(3)(c) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.200 | No | No | No |

The incidental emissions reduction of air pollutants contained in paragraph (B)(1) of rule 3745-111-02 of the Administrative Code resulting from reductions of a collateral pollutant required under the Clean Air Act shall be permitted, provided the emission reduction meets the requirements of this chapter.

3745-111-03 (F)(5)(c) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.201 | No | No | No |

Any owner or operator who does not respond to the above shutdown notification shall subject the ERCs to paragraph (F)(2)(d) of this rule provided the conditions of paragraphs (F)(2)(a) to (F)(2)(c) of this rule are met.

3745-111-03 (F)(2)(a) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.198 | No | No | No |

The baseline emissions rate shall not exceed the allowable emissions rate taking into consideration the definition under paragraph (G) of rule 3745-111-01 of the Administrative Code.

3745-111-03 (F)(2)(b) may not

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.209 | No | No | No |

The use of ERCs from an existing air contaminant source or facility for the purpose of offsetting emissions of a proposed major stationary source or major modification (whether or not under the same ownership) shall meet the requirements contained in rule 3745-31-22 of the Administrative Code, including that there will be reasonable progress, as determined by the director, toward attainment of the applicable national ambient air quality standard.

3745-111-03 (F)(2)(c) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.210 | No | No | No |

The use of mobile source ERCs under this paragraph shall be approved by the director on a case-by-case basis.

3745-111-04 (C)(ii) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.211 | No | No | No |

When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional:

3745-111-04 (E) shall

| 3704-03(f) | State | CAA Section 173; 40 CFR 51.212 | No | No | No |
2745-111-04 (E) shall When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional: 3704.03(F) State CAA Section 173; 40 CFR 51.219 No No No

2745-111-04 (F) shall When participating in the ERC banking program, an ERC transfer or use notification shall be submitted in a form and manner prescribed by the director and shall include the following information, at a minimum, except paragraph (E)(6) of this rule shall be optional: 3704.03(F) State CAA Section 173; 40 CFR 51.220 No No No

2745-111-04 (G) shall The cost in dollars per ton of ERCs transferred or used shall be optional: 3704.03(F) State CAA Section 173; 40 CFR 51.222 No No No

2745-111-04 (H) shall Consistent with the requirements of chapter 3745-31 of the Administrative Code, the Ohio EPA shall provide the public with notice of owners or operators proposing to use verified ERCS at the time they are made federally enforceable. 3704.03(F) State CAA Section 173; 40 CFR 51.223 No No Yes

2745-111-04 (J) shall The use of mobile source ERCS must be submitted as a Ohio state implementation plan revision or must be contained in a federally enforceable permit. 3704.03(F) State CAA Section 173; 40 CFR 51.224 No No No

2745-111-04 (K) shall ERCs may not be used in an area with a higher nonattainment classification than the one in which they were generated. 3704.03(F) State CAA Section 173; 40 CFR 51.226 No No No

2745-111-04 (L) shall ERCs generated in another state may not be used at a facility within the state of Ohio unless the facility’s generated ERCS are enforceable by the neighboring state and by the Ohio EPA in accordance with this chapter and paragraph (A) of rule 3745-31-27 of the Administrative Code. 3704.03(F) State CAA Section 173; 40 CFR 51.227 No No No

2745-111-04 (M) shall ERCs generated in accordance with paragraph (A)(1) of rule 3745-111-03 of the Administrative Code, resulting from the permanent shutdown of an existing air contaminant source or facility, may not be transferred or used prior to Ohio EPA receiving notification from the responsible official of a Title V facility, as defined in rule 3745-77-01 of the Administrative Code, or from the person with signatory authority under rule 3745-31-02 of the Administrative Code for a facility that is not Title V, certifying the permanence of the shutdown. 3704.03(F) State CAA Section 173; 40 CFR 51.228 No No No

2745-111-04 (N) shall ERCs generated in accordance with paragraphs (A)(2) to (A)(7) of rule 3745-111-03 of the Administrative Code, may not be transferred until the ERCS are permanent and federally enforceable in accordance with paragraph (C)(2) of rule 3745-111-02 of the Administrative Code. 3704.03(F) State CAA Section 173; 40 CFR 51.229 No No No

2745-111-04 (O)(1) prohibit (Comment: identifying an intended use does not obligate the person receiving the ERCs to that identified use and does not prohibit the person receiving the ERCs from requesting a change to the identified use while the ERCs are in the bank. The intended use information will provide information to the public regarding which ERCs are available for transfer.) 3704.03(F) State CAA Section 173; 40 CFR 51.230 No No No

2745-111-05 Paragraph U shall The Ohio EPA shall establish a voluntary ERC banking system to track the deposit and withdrawal of ERCS and the generation, transfer and use of ERCS in accordance with this chapter. 3704.03(F) State CAA Section 173; 40 CFR 51.231 No No Yes

2745-111-05 (A) shall The Prior to deposit of ERCs into the banking system, the Ohio EPA shall do one of the following: 3704.03(F) State CAA Section 173; 40 CFR 51.232 No No Yes

2745-111-05 (B) shall The banking system shall identify the following: 3704.03(F) State CAA Section 173; 40 CFR 51.233 No No No

2745-111-05 (B)(ii) shall The ERC generation date entered in the banking system shall reflect the anticipated date of emissions reduction and shall be amended as necessary to reflect the actual emissions reduction date. 3704.03(F) State CAA Section 173; 40 CFR 51.234 No No No

2745-111-05 (B)(iii) shall The ERC generation date entered in the banking system shall reflect the anticipated date of emissions reduction and shall be amended as necessary to reflect the actual emissions reduction date. 3704.03(F) State CAA Section 173; 40 CFR 51.235 No No No

2745-111-05 (C)(1) shall Upon registration and deposit of verified ERCS into the ERC banking system an ERC certificate with a unique ERC certificate number shall be generated by the director to the verified ERC holder. 3704.03(F) State CAA Section 173; 40 CFR 51.236 No No No

2745-111-05 (C)(2) shall If the owner of an ERC certificate uses or transfers ERCS to a new owner in part or whole, the director shall generate an ERC certificate to the new owner reflecting the transferred amount of ERCS and, if applicable, shall issue an ERC certificate to the current owner reflecting the amount of ERCS remaining after the transfer or use. 3704.03(F) State CAA Section 173; 40 CFR 51.237 No No Yes

2745-111-05 (C)(2) shall If the owner of an ERC certificate uses or transfers ERCS to a new owner in part or whole, the director shall generate an ERC certificate to the new owner reflecting the transferred amount of ERCS and, if applicable, shall issue an ERC certificate to the current owner reflecting the amount of ERCS remaining after the transfer or use. 3704.03(F) State CAA Section 173; 40 CFR 51.238 No No No

2745-111-05 (D) shall Upon issuance of a permit allowing the use of verified ERCS for the purpose of offsetting emissions, or upon transfer of ERCS, the banking transactions shall be updated in the banking system, including identifying any remaining ERCs available for transferring or use after the transaction. 3704.03(F) State CAA Section 173; 40 CFR 51.239 No No No

2745-111-05 (D) shall Nothing in this rule shall prohibit the transfer of ERCS that do not meet the requirements of paragraph (D) of rule 3745-111-04 of the Administrative Code if the ERCS are withdrawn from the banking system. 3704.03(F) State CAA Section 173; 40 CFR 51.240 No No No

2745-111-05 (D)(1) shall Upon withdrawal, all ERC certificates shall be terminated and the ERCs shall be withdrawn from the banking system. 3704.03(F) State CAA Section 173; 40 CFR 51.241 No No No

2745-111-05 (D)(2) shall Upon withdrawal, all ERC certificates shall be terminated and the ERCs shall be withdrawn from the banking system. 3704.03(F) State CAA Section 173; 40 CFR 51.242 No No No

2745-111-05 (E) shall The director shall publish a list of deposited ERCS into the banking system that are available for transfer and use on the Ohio EPA website and the list shall be updated on a thirty day basis, at a minimum. 3704.03(F) State CAA Section 173; 40 CFR 51.243 No No Yes

2745-111-05 (E) shall The director shall publish a list of deposited ERCS into the banking system that are available for transfer and use on the Ohio EPA website and the list shall be updated on a thirty day basis, at a minimum. 3704.03(F) State CAA Section 173; 40 CFR 51.244 No No No
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>3745-111-05</td>
<td>(F)</td>
<td>shall</td>
<td>The Ohio EPA <strong>shall</strong> maintain supporting documentation, including permit decisions, generator information and other information required to sufficiently characterize the emissions, which shall allow the Ohio EPA and ERC users to determine if the ERCs are suitable for use at a specific facility.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-05</td>
<td>(F)</td>
<td>required</td>
<td>The Ohio EPA shall maintain supporting documentation, including permit decisions, generator information and other information required to sufficiently characterize the emissions, which <strong>shall</strong> allow the Ohio EPA and ERC users to determine if the ERCs are suitable for use at a specific facility.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-05</td>
<td>(F)</td>
<td>shall not</td>
<td>Information on the identity of any party involved in the ERC transactions and data used to calculate the purchase price of the ERCs <strong>shall not</strong> be included in the publication.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-111-05</td>
<td>(G)(2)</td>
<td>shall</td>
<td>Nothing in this rule shall <strong>prohibit</strong> the transfer of ERCs that do not meet the requirements of paragraph (D) of rule 3745-111-04 of the Administrative Code if the ERCs are withdrawn from the banking system.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
<td>State or Fed Law?</td>
<td>If Fed, crosswalk?</td>
<td>Federally delegated program?</td>
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<tr>
<td>3745-112-01</td>
<td>(A)</td>
<td>shall</td>
<td>Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-01</td>
<td>(B)(2)</td>
<td>shall</td>
<td>For the purpose of paragraph (B)(2) of this rule, the term adhesive shall mean a substance used to bond one or more materials.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-01</td>
<td>(B)(7)</td>
<td>shall not</td>
<td>The presence of, and representations about, a product’s fragrance and ability to deodorize (resulting from surface application) shall not constitute a claim of air freshening.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-01</td>
<td>(B)(11)</td>
<td>shall</td>
<td>As used in this paragraph consumer product shall also refer to aerosol adhesives, including aerosol adhesives used for consumer, industrial, and commercial uses.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-01</td>
<td>(B)(119)</td>
<td>shall</td>
<td>Whenever a principal display panel appears more than once, all requirements pertaining to the principal display panel shall pertain to all such principal display panels.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-01</td>
<td>(A)</td>
<td>Except as provided in rules 3745-112-04 and 3745-112-07 of the Administrative Code, no person shall sell, supply, offer for sale, or manufacture consumer products on or after January 1, 2009, for use in the state of Ohio.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
<td>No</td>
</tr>
<tr>
<td>3745-112-03</td>
<td>(B)</td>
<td>shall</td>
<td>No person shall sell, supply, offer for sale, or manufacture for sale in the state of Ohio any antiperspirant...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-03</td>
<td>(G)(1)</td>
<td>shall</td>
<td>Except as otherwise provided in rules 3745-112-04 and 3745-112-07 of the Administrative Code, no person shall sell, supply, offer for sale...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-03</td>
<td>(G)(2)</td>
<td>shall</td>
<td>If a product meets more than one of the definitions specified in rule 3745-112-01 of the Administrative Code for a special purpose spray adhesive, and is not classified as a web spray adhesive or mist spray adhesive under this paragraph, then the VOC content limit for the product shall be the lowest applicable VOC content limit specified in the table of this rule.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-03</td>
<td>(H)</td>
<td>shall</td>
<td>No person shall sell, supply, offer for sale, or manufacture for use in Ohio any floor wax stripper unless the following requirements are met:</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(A)</td>
<td>shall not</td>
<td>This rule shall not apply to any consumer product manufactured in the state of Ohio solely for shipment and use outside of the state of Ohio.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(B)</td>
<td>shall not</td>
<td>The provisions of this rule shall not apply to a manufacturer or distributor who sells, supplies, or offers for sale in the state of Ohio...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(C)</td>
<td>shall not</td>
<td>The MVOC content standards specified in paragraph (A) of rule 3745-111-03 of the Administrative Code for antiperspirants or deodorants...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(D)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to fragrances...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(D)</td>
<td>shall not</td>
<td>...by weight, contained in any consumer product and shall not apply to colorants up to a combined level of two per cent, by weight, contained in...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(E)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to any LVP-VOC.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(F)</td>
<td>shall not</td>
<td>The requirements in paragraph (A) of rule 3745-112-03 of the Administrative Code for antiperspirants or deodorants shall not apply to those...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(F)</td>
<td>shall not</td>
<td>...by weight, contained in any consumer product and shall not apply to colorants up to a combined level of two per cent, by weight, contained in...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(G)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to air fresheners that are comprised entirely of fragrances...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(H)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to air fresheners that are comprised entirely of fragrances...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(I)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to insecticides containing at least ninety-eight per cent para-dichlorobenzene, by weight...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(J)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to adhesives sold in containers of one fluid ounce or less...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(K)</td>
<td>shall not</td>
<td>The VOC limits specified in paragraph (A) of rule 3745-112-03 of the Administrative Code shall not apply to bait station insecticides.</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
<tr>
<td>3745-112-04</td>
<td>(L)</td>
<td>shall not</td>
<td>An innovative products exemption orACP as outlined in paragraph (L) of this rule shall not be valid for use in Ohio unless...</td>
<td>3704.03</td>
<td>Fed</td>
<td>CAA Section 182</td>
<td>Yes/SIP</td>
</tr>
</tbody>
</table>
Any submittal made pursuant to paragraph (M)(4) of this rule shall be sent to the director and the envelope or package shall be labeled as follows: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

A manufacturer who uses the following code to indicate the date of manufacture shall not be subject to the requirements of paragraph (B) of this rule, unless an exception applies: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Each manufacturer of a consumer product subject to rule 3745-112-03 of the Administrative Code shall clearly display on each consumer product container... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Any submittal made pursuant to paragraph (M)(4) of this rule shall be sent to the director and the envelope or package shall be labeled as follows: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

A manufacturer who uses the following code to indicate the date of manufacture shall not be subject to the requirements of paragraph (B) of this rule, unless an exception applies: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Each manufacturer of a consumer product subject to rule 3745-112-03 of the Administrative Code shall clearly display on each consumer product container... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

A manufacturer who uses the following code to indicate the date of manufacture shall not be subject to the requirements of paragraph (B) of this rule, unless an exception applies: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The date or date code information shall be located on the container or inside the cover/cap: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The requirements of this provision shall not apply to products containing no VOCs, or containing VOCs of 0.10 per cent, by weight, or less. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

No person shall erase, alter, delete, or otherwise remove... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The lowest VOC limit shall apply: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Each manufacturer of a consumer product subject to rule 3745-112-03 of the Administrative Code shall... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The product category as specified in paragraph (A) of rule 3745-112-03 of the Administrative Code or an abbreviation of the category shall be displayed: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The applicable VOC standard for the product that is specified in the table of rule 3745-112-03 of the Administrative Code, except for energized electrical cleaner, expressed as a per cent, by weight, shall be displayed: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The product shall be labeled with the term ACP or AC product: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The product shall be classified as a special purpose spray adhesive, the applicable substrate and/or application or an abbreviation of the substrate/application that qualifies the product as special purpose shall be displayed: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The information required in paragraph (A)(2) of this rule shall be displayed on the product container such that it is readily observable... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

No person shall remove, alter, conceal, or deface the information required in paragraph (D)(1) of this rule prior to final sale of the product: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Upon the written request of the director, any manufacturer of a chemically formulated consumer product subject to the requirements of this rule shall test any of its products... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine compliance with the VOC content limitations specified in the table of rule 3745-112-03 of the Administrative Code, shall be performed using: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

For the purposes of this section, the VOC content of a product shall be calculated according to the following equation: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine whether a product is a liquid or a solid shall be performed using ASTM D4359-90(2000)e1. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine whether a product is a liquid or a solid shall be performed using ASTM D86-05. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Any variance order shall specify a final compliance date by which the requirements of rule 3745-112-03 of the Administrative Code will be achieved. Any variance order shall contain a condition that specifies increments of progress necessary to assure timely compliance, and such other conditions that the director finds necessary: 3704.03(E) Fed CAA Section 182 Yes/SIP No Yes

Upon the written request of the director, any manufacturer of a chemically formulated consumer product subject to the requirements of this rule shall test any of its products... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine compliance with the VOC content limitations specified in the table of rule 3745-112-03 of the Administrative Code, shall be performed using: 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine whether a product is a liquid or a solid shall be performed using ASTM D4359-90(2000)e1. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Testing to determine whether a product is a liquid or a solid shall be performed using ASTM D86-05. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

In order to qualify as a special purpose spray adhesive the product must meet one or more of the definitions specified in rule 3745-112-01 of the Administrative Code. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

Any manufacturer claiming such a certification on this basis must submit to the director a copy of the certification decision (i.e., the executive order), including all conditions established by CARB applicable to the certification. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

All aerosol adhesives must comply with the labeling requirements specified in rule 3745-112-05 of the Administrative Code. 3704.03(E) Fed CAA Section 182 Yes/SIP No No

The label of each non-aerosol floor wax stripper must specify a dilution ratio... 3704.03(E) Fed CAA Section 182 Yes/SIP No No

If a non-aerosol floor wax stripper is also intended to be used for removal of heavy build-up of polish, the label of that floor wax stripper must specify a dilution ratio... 3704.03(E) Fed CAA Section 182 Yes/SIP No No
If a manufacturer uses a code indicating the date of manufacture, for any consumer product subject to the applicable standard specified in the table of rule 3745-112-03 of the Administrative Code an explanation of the date portion of the code must be filed with the Ohio environmental protection agency no later than January 1, 2009.

If a manufacturer changes any code indicating the date of manufacture for any consumer product subject to paragraph (B)(1) of this rule, an explanation of the modified code must be submitted to the Ohio environmental protection agency no later than January 1, 2009.

If the manufacturer or responsible party uses an abbreviation as allowed by paragraph (D) of this rule, an explanation of the abbreviation must be filed with the director before the abbreviation is used.

An alternative method which is shown to accurately determine the concentration of VOCs in a product. Such methods must first be approved in writing by the director.

These records must be kept for at least five years.

If the manufacturer or responsible party uses an abbreviation as allowed by paragraph (D) of this rule, an explanation of the abbreviation must be filed with the Ohio environmental protection agency no later than January 1, 2009.

If the manufacturer or responsible party uses an abbreviation as allowed by paragraph (D) of this rule, an explanation of the abbreviation must be filed with the Ohio environmental protection agency no later than January 1, 2009.

Double phase aerosol air freshener means an aerosol air freshener with the liquid contents in two or more distinct phases that requires the product container be shaken before use to mix the phases, producing an emulsion.

Herbicide means a pesticide product designed to kill or retard a plant’s growth, but excludes products that are for agricultural use; or restricted materials that require a permit for use and possession.

Insecticide means a pesticide product that is designed for use against insects or other arthropods, but excluding products that are: for agricultural use; or for a use which requires a structural pest control license under Chapter 901:5-11 of the Administrative Code; or restricted materials that require a permit for use and possession.

Single phase aerosol air freshener means an aerosol air freshener with the liquid contents in a single homogeneous phase and which does not require that the product container be shaken before use.

Automotive engine compartment adhesive means an aerosol adhesive designed for use in motor vehicle under-the-hood applications which require oil and plasticizer resistance, as well as high shear strength, at temperatures of two hundred to two hundred seventy-five degrees Fahrenheit.

Spot remover means any product labeled to clean localized areas, or remove localized spots or stains on cloth or fabric such as drapes, carpets, upholstery, and clothing, that does not require subsequent laundering.

The terms light build-up, medium build-up or heavy build-up are not specifically required, as long as comparable terminology is used.

The information required in paragraph (A)(1) of this rule shall be displayed.

No person shall remove, alter, conceal, or deface the information required in paragraph (D)(1) of this rule prior to final sale of the product.

If the responsible party does not have, or does not provide, the information requested by the director, the director may require the reporting.

The director may require any manufacturer that is required to perform testing pursuant to paragraph (A) of this rule to provide to the director product samples that are duplicates of the samples tested.

The director may require any manufacturer that is required to perform testing pursuant to paragraph (A) of this rule to provide to the director product samples that are duplicates of the samples tested.
Removal would require state or federal law change?

<table>
<thead>
<tr>
<th>Statutory Authority</th>
<th>State or Fed Funds</th>
<th>If fed, crosswalk?</th>
<th>Federally delegated program?</th>
<th>Removal would require state or federal law change?</th>
<th>Requirement on the agency or director?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-113-01 N(3)</td>
<td>shall</td>
<td>Metalicig coated surfaces, which quality material at the metalicig coated surfaces, shall not be considered be considered in this category, shall be considered to in the metalicig coated surfaces category.</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-01 F(3)</td>
<td>must</td>
<td>The fire-retardant coating shall be tested in accordance with ASTM E84.</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-01 H(3)</td>
<td>shall</td>
<td>The fire-retardant coating shall be tested in accordance with ASTM E84.</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

3745-113-01 (N)(3) shall | To qualify as an antifouling coating, the coating must be registered with both USEPA under the Federal Insecticide, Fungicide and Rodenticide Act contained in 7 USC 136 to 136y and with Ohio EPA. | No | No | Yes |

3745-113-01 (N)(3) shall | The fire-retardant coating and the testing agency must be approved by building code officials. | No | No | Yes |

3745-113-01 (N)(4) must | These coatings must be resistant to long-term (service life) cumulative radiation exposure [ASTM method D4082], relatively easy to decontaminate, and resistant to various chemicals to which the coatings are likely to be exposed [ASTM method D3912]. | No | No | Yes |

3745-113-01 (Q) require | Selectors means to require for use or to specify, by written or oral contract. | No | No | Yes |

3745-113-03 A shall | On or after January 1, 2009, any person subject to this chapter in accordance with rule 3745-113-02 of the Administrative Code shall ensure that the AM coatings meet the following limits: | Yes | No | Yes |

3745-113-03 A(2) shall | ...any representation is made that indicates that the coating meets the definition of or is recommended for use for one or more of the coating categories listed in the table of paragraph (A) of this rule, then the most restrictive VOC content limit shall apply. | Yes | Yes | Yes |

3745-113-03 B shall | All AIM coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging, or other means, shall be closed when not in use. | Yes | Yes | Yes |

3745-113-03 B shall | Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use. | Yes | Yes | Yes |

3745-113-03 C shall | No person who applies or solicits the application of any AIM coating shall apply a coating that is thickened to exceed the applicable VOC limit specified in the table of paragraph (G)(3) of this rule. | Yes | Yes | Yes |

3745-113-03 D shall | No person shall apply or solicit the application of any rust preventive coating for industrial use, unless such a rust preventive coating complies with the industrial maintenance coating VOC limit specified in the paragraph of rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat coating limit shall apply. | Yes | Yes | Yes |

3745-113-03 D shall | No person shall sell or offer for sale any rust preventive coating for application to any nonmetallic substrate, nor shall any person apply a rust preventive coating to any nonmetallic substrate. | Yes | Yes | Yes |

3745-113-03 D shall | No person shall sell or offer for sale any rust preventive coating for application to any nonmetallic substrate, nor shall any person apply a rust preventive coating to any nonmetallic substrate. | Yes | Yes | Yes |

3745-113-03 E shall | For any coating that does not meet any of the definitions for the specialty coatings categories listed in the table of paragraph (A) of this rule, the VOC content limit shall be determined by classifying the coating as a flat coating, non-flat coating, or non-flat-high-gloss coating as defined in paragraphs (D), (H)(2), and (M)(1) of rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat coating limit shall apply. | Yes | Yes | Yes |

3745-113-03 E shall | For any coating that does not meet any of the definitions for the specialty coatings categories listed in the table of paragraph (A) of this rule, the VOC content limit shall be determined by classifying the coating as a flat coating, non-flat coating, or non-flat-high-gloss coating as defined in paragraphs (D), (H)(2), and (M)(1) of rule 3745-113-01 of the Administrative Code and the corresponding flat or non-flat coating limit shall apply. | Yes | Yes | Yes |

3745-113-03 F shall | Effective January 1, 2009, each manufacturer of any AIM coatings subject to this rule shall file an explanation of each code with the director. | Yes | Yes | Yes |

3745-113-03 F shall | Effective January 1, 2009, each manufacturer of any AIM coatings subject to this rule shall display the following information on the coating container (or label) in which the coating is sold or distributed: | Yes | Yes | Yes |

3745-113-04 A shall | Date code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid, or bottom of the container. | Yes | Yes | Yes |

3745-113-04 A(1) shall | Date code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid, or bottom of the container. | Yes | Yes | Yes |

3745-113-04 A(2) shall | Date code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid, or bottom of the container. | Yes | Yes | Yes |

3745-113-04 N(2) shall | The equations in paragraph (A)(1) of rule 3745-113-06 of the Administrative Code shall be used to calculate VOC content. | Yes | Yes | Yes
<table>
<thead>
<tr>
<th>Rule Section</th>
<th>Description</th>
<th>State</th>
<th>Code</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>3745-113-04 A(4)</td>
<td>The label or the lid of the container in which the coating is sold or distributed shall display one or more of the following descriptions:</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-04 N(5)</td>
<td>The labels of all clear brushing lacquers shall prominently display the statement: &quot;For brush application only.&quot; and &quot;This product must not be thinned or sprayed.&quot;</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-113-04 N(5)</td>
<td>The labels of all rust preventive coatings shall prominently display the statement: &quot;For metal substrates only.&quot;</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-113-04 N(7)</td>
<td>The labels of all specialty primers, sealers, and undercoaters shall prominently display one or more of the following:</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-04 N(8)</td>
<td>The labels of all quick dry enamels shall prominently display the words: &quot;Quick Dry&quot; and the dry hard time.</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-113-04 N(9)</td>
<td>The labels of all non-flat, high-gloss coatings shall prominently display the words: &quot;High Gloss.&quot;</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-04 N(10)</td>
<td>The labels of all clear topcoat faux finishing coatings shall prominently display the statement: &quot;This product can only be sold or used as part of a faux finishing coating system.&quot;</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-113-04 N(5)</td>
<td>The labels of all clear brushing lacquers shall prominently display the statements: &quot;For brush application only,&quot; and &quot;This product must not be thinned or sprayed.&quot;</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3745-113-04 A</td>
<td>Each manufacturer of a product subject to a VOC content limit in paragraph A(1) of rule 3745-113-03 of the Administrative Code, shall keep records demonstrating compliance with the VOC content limits.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-05 A</td>
<td>Such records shall clearly list each product by name (and identifying number, if applicable) as shown on the product label and in applicable sales and technical literature, the VOC content as determined in rule 3745-113-06 of the Administrative Code, the name and chemical abstract service (CAS) number of the VOC constituents in the product, the dates of the VOC content determinations, and the coating category and the applicable VOC content limit.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-05 A</td>
<td>Such records shall be kept for a period not less than five years and shall be made available to the director within ninety days of request.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-05 A</td>
<td>A responsible official from each manufacturer shall upon request of the director, provide data concerning the distribution and sales of coatings subject to a VOC content limit in paragraph A(1) of rule 3745-113-03 of the Administrative Code.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-05 B</td>
<td>The responsible official shall within ninety days provide information including, but not limited to the following:</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-06 A</td>
<td>For the purpose of determining compliance with the VOC content limits in the table of paragraph A(1) of rule 3745-113-03 of the Administrative Code, the VOC content of a coating shall be determined by using the procedures described in paragraph A(1)(a) or A(1)(b) of this rule, as appropriate.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-06 N(4)</td>
<td>Analysis of methacrylate multi-component coatings used as traffic marking coatings shall be conducted according to a modification of USEPA method 24 contained in 40 CFR 59, Subpart D, Appendix A.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-06 N(2)</td>
<td>The exempt compounds content shall be determined by SC AQ MD method 303-91 (Revised August 1996).</td>
<td>State</td>
<td>3704.03(E)</td>
<td>No</td>
</tr>
<tr>
<td>3745-113-06 A(2)</td>
<td>The director may require the manufacturer to conduct an analysis using USEPA method 24.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>Yes</td>
</tr>
<tr>
<td>3745-113-06 A(2)</td>
<td>The director may require the manufacturer to conduct an analysis using USEPA method 24.</td>
<td>State</td>
<td>3704.03(E)</td>
<td>Yes</td>
</tr>
<tr>
<td>OAC Rule #</td>
<td>Paragraph</td>
<td>Restriction</td>
<td>Description/Quotation</td>
<td>Statutory Authority</td>
</tr>
<tr>
<td>-----------</td>
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<td>-------------------------------------------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>3745-114-01</td>
<td>A</td>
<td>require</td>
<td>The director may require a permit-to-install, issued in accordance with Chapter 3745-31 of the Administrative Code, for any new or modified air contaminant sources that emit a toxic air contaminant...</td>
<td>3704.03(F)</td>
</tr>
</tbody>
</table>