



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

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Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

02/19/03

**RE: Proposed Title V Chapter 3745-77 Permit
03-06-01-0138
Goodyear Tire and Rubber Company**

Attn: Genevieve Damico AR-18J
United States Environmental Protection Agency
Region V
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Ms. Damico:

The proposed issuance of the Title V permit for Goodyear Tire and Rubber Company, has been created in Ohio EPA's State Air Resources System (STARS) on 02/19/03, for review by USEPA. This proposed action is identified in STARS as  3-Title V Proposed Permit +C covering the facility specific terms and conditions, and  Title V Proposed Permit covering the general terms and conditions. This proposed permit will be processed for issuance as a final action after forty-five (45) days from USEPA's receipt of this certified letter if USEPA does not object to the proposed permit. Please contact me at (614) 644-3631 by the end of the forty-five (45) day review period if you wish to object to the proposed permit.

Very truly yours,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: Northwest District Office
File, DAPC PMU



State of Ohio Environmental Protection Agency

PROPOSED TITLE V PERMIT

Issue Date: 02/19/03

Effective Date: To be entered upon final issuance

Expiration Date: To be entered upon final issuance

This document constitutes issuance of a Title V permit for Facility ID: 03-06-01-0138 to:
Goodyear Tire and Rubber Company
1115 South Wayne Street
St. Marys, OH 45885-0999

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

Table with 3 columns: Emissions Unit ID (Company ID), Emissions Unit Activity Description, and Emissions Unit Activity Description. Rows include units like B003 (Boiler #3), K003 (#3 Cementer), P001 (Rust Inhibitor), etc.

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above.

application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419) 352-8461

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

- i. The date, place (as defined in the permit), and time of sampling or measurements.
- ii. The date(s) analyses were performed.
- iii. The company or entity that performed the analyses.
- iv. The analytical techniques or methods used.
- v. The results of such analyses.
- vi. The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. The permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

ii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) with respect to emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

- (a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations ; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-

07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i), (ii) and (iii))

- (b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(iii))

iii. **For monitoring, record keeping, and reporting requirements:**

Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

- iv. Each written report 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 (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. **Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. **Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.
(Authority for term: OAC rule 3745-77-07(A)(4))

4. **Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.
(Authority for term: OAC rule 3745-77-07(A)(5))

5. **Severability Clause**

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
(Authority for term: OAC rule 3745-77-07(A)(6))

6. **General Requirements**

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. 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, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include 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.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

- iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
 - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
 - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
 - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.
- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.
- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).
- d. 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.
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.) *(Authority for term: OAC rule 3745-77-07(I))*

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

(Authority for term: OAC rule 3745-77-07(A)(1))

B. State Only Enforceable Section

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii)

any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

Facility Name: Goodyear Tire and Rubber Company
Facility ID: 03-06-01-0138

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

1. The permittee will be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Miscellaneous Metal Parts and Products Surface Coatings, 40 CFR, Part 63, Subpart M. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.
2. If the final MACT standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard, as specified by the settlement between U.S. EPA and Sierra Club. It must contain the following information:
 - a. for a new affected source, the anticipated date of startup of operation;
 - b. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;
 - c. any existing federal, State, or local limitations or requirements applicable to the affected source;
 - d. for each affected emission point or group of affected emission points, an identification of control technology in place;
 - e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and
 - f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.

The Part II application for a MACT determination may, but is not required to, contain the following information:

- a. recommended emission limitations for the affected source and support information. (The permittee may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, as an emission limitation);
- b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and
- c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

A. State and Federally Enforcable Section (continued)

3. If the NESHAP is promulgated before May 15, 2004, the facility shall be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. Pursuant to the Subpart, the permittee shall submit the following notifications:
- a. Within 120 days after promulgation of 40 CFR, Part 63, Subpart Mmmm, the permittee shall submit an Initial Notification Report which certifies whether or not the permittee is subject to the promulgated standard. If the permittee is subject to the final standard, the following information shall also be included in the Initial Notification Report, in accordance with 40 CFR Part 63.9(b)(2):
 - i. the name and mailing address of the permittee;
 - ii. the physical location of the source if it is different from the mailing address;
 - iii. identification of the relevant MACT standard and the source's compliance date;
 - iv. a brief description of the nature, design, size, and method of operation of the source, including the operating design capacity and an identification of each emission point of each HAP; and
 - v. a statement confirming the facility is a major source for HAPs.
 - b. Within 60 days following completion of any required compliance demonstration activity specified in 40 CFR Part 63, Subpart Mmmm, the permittee shall submit a notification of compliance status that contains the following information:
 - i. the methods used to determine compliance;
 - ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;
 - iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;
 - iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in 40 CFR Part 63, Subpart Mmmm;
 - v. an analysis demonstrating whether the affected source is a major source or an area source;
 - vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and
 - vii. a statement of whether or not the permittee has complied with the requirements of 40 CFR Part 63, Subpart Mmmm.

B. State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

B. State Only Enforceable Section (continued)

Maintenance Paint Spray Booth (K024); Hay Roll Washer/Dryer (K025); S5S Paint Spray Booth (K032); Buffer Rubber/Steel Parts #1 (P002); Buffer Rubber/Steel Parts #2 (P003); Forge (P035); Scale Removal Sand Blaster (P041); D60-Injection Press (P043); D53-Injection Press (P047); Pyrolysis Oven (P051); R7-Injection Press (P053); R8-Injection Press (P054); R9-Injection Press (P055); Hydro Buffer (P056); Metal Cleaning Shot Blaster #9 (P057); Carbon Black Handling System (P058); Cement House Mixer (P061); R32-Injection Press (P062); R33-Injection Press (P063); R34-Injection Press (P064); D64-Injection Press (P065); R10-Injection Press (P067); R11-Injection Press (P068); R12-Injection Press (P069); D54-Injection Press (P070); Hay Roll Blaster (P071); R21-Injection Press (P072); R22-Injection Press (P073); R35-Injection Press (P078); Induction Heater (P079); D63-Injection Press (P081); D65-Injection Press (P082); Complete Cure Track Press (P084); Flat Cure Track Press (P086); Injection Press (R039); Injection Press (R040); #6 Fuel Tank (T001); Propane Tank (T002); #2 Fuel Tank (T003); Ethylene Glycol Tank (T004); Waste Oil Tank (T005); Urbonin Tank (T010); XD7169 Tank (T013); Gasoline Tank (T015); Napthine Tank (T017); Drakine Tank ((T018); Neutrine Tank (T019); Nitrogen Tank (T020); #2 Fuel Oil Tank (T021); Waste Oil Heater (W001); Waste Water Clarifier (Z001); Hydro Rock Sump (Z002); Hydro Rock Supply (Z003); Hydro Rock Tank (Z004); Hydro Rock Sump (Z005); Hydro Rock Supply (Z006); Hydro Rotary Tank (Z007); Cistern WWT Middle (Z008); Cistern WWT North (Z009); Cistern WWT (Z010); Cistern WWT South West (Z011); Hydro Washer #1 (Z013); Hydro Washer #2 (Z014); D58-Injection Press (Z015); D56-Injection Press (Z016); D57-Injection Press (Z017); D51-Injection Press (Z018); D52-Injection Press (Z019); D55-Injection Press (Z020); Mold Shot Blaster (Z021); Mold Shot Blaster Injection (Z022); D59-Injection Press (Z023); D63-Injection Press (Z024); D62-Injection Press (Z033);

D61-Injection Press (Z034); D64 Injection Press (Z035); D65-Injection Press (Z036); R1-Injection Press (Z037); R2-Injection Press (Z038); R3-Injection Press (Z039); R4-Injection Press (Z040); R30-Injection Press (Z041); R31-Injection Press (Z042); R13-Injection Press (Z043); R5-Injection Press (Z044); R6-Injection Press (Z045); Compression Press 1 (Z046); Compression Press 2 (Z047); Compression Press 3 (Z048); Compression Press 4 (Z049); Compression Press 5 (Z050); Compression Press 6 (Z051); Compression Press 7 (Z052); Compression Press A08 (Z053); Compression Press A09 (Z054); Compression Press A10 (Z055); Compression Press A11 (Z056); Compression Press A12 (Z057); Compression Press A13 (Z058); Compression Press A15 (Z059); Compression Press A16 (Z060); Compression Press A17 (Z061); Compression Press A18 (Z062); Compression Press A19 (Z063); Compression Press A20 (Z064); Compression Press A21 (Z065); Compression Press A22 (Z066); Compression Press A23 (Z067); Compression Press A24 (Z068); Compression Press A25 (Z069); Compression Press B02 (Z070); Compression Press B03 (Z071); Compression Press B04 (Z072); Compression Press B05 (Z073); Compression Press B06 (Z074); Compression Press B07 (Z075); Compression Press B08 (Z076); Compression Press B09 (Z077); Compression Press B10 (Z078); Compression Press B11 (Z079); Compression Press B12 (Z080); Compression Press B13 (Z081); Compression Press B14 (Z082); Compression Press B15 (Z083); Compression Press B16 (Z084); Compression Press B17 (Z085); Compression Press B18 (Z086); Compression Press B19 (Z087); Compression Press B20 (Z088); Compression Press B21 (Z089); Compression Press B22 (Z090); Compression Press K28 (Z091); Compression Press K29 (Z092); Compression Press C03 (Z093); Compression Press C04 (Z094); Compression Press C05 (Z095); Compression Press C06 (Z096); Compression Press C07 (Z097); Compression Press C08 (Z098); Compression Press C09 (Z099); Compression Press C10 (Z100); Compression Press C11 (Z101);

B. State Only Enforceable Section (continued)

Compression Press C13 (Z102); Compression Press C14 (Z103); Compression Press C16 (Z104); Compression Press C17 (Z105); Compression Press C18 (Z106); Compression Press C19 (Z107); Compression Press C21 (Z108); Compression Press C22 (Z109); Compression Press C23 (Z110); Compression Press C24 (Z111); Compression Press C25 (Z112); Compression Press C26 (Z113); Compression Press C27 (Z114); Compression Press C28 (Z115); Compression Press D01 (Z116); Compression Press D02 (Z117); Compression Press D03 (Z118); Compression Press D04 (Z119); Compression Press D05 (Z120); Compression Press D06 (Z121); Compression Press D07 (Z122); Compression Press D08 (Z123); Compression Press D09 (Z124); Compression Press D10 (Z125); Compression Press D11 (Z126); Compression Press D12 (Z127); Compression Press D13 (Z128); Compression Press D14 (Z129); Compression Press L09 (Z130); Compression Press L10 (Z131); Compression Press 87 (Z132); Compression Press 88 (Z133); Compression Press 89 (Z134); Compression Press 90 (Z135); Compression Press 91 (Z136); Compression Press 92 (Z137); Compression Press 93 (Z138); Compression Press 94 (Z139); Compression Press 95 (Z140); Compression Press 96 (Z141); Compression Press 97 (Z142); Compression Press 98 (Z143); Compression Press 99 (Z144); Compression Press 100 (Z145); Compression Press 101 (Z146); Compression Press 102 (Z147); Compression Press 103 (Z148); Compression Press 104 (Z149); Compression Press 105 (Z150); Compression Press 106 (Z151); Compression Press 107 (Z152); Compression Press 108 (Z153); Compression Press 109 (Z154); Compression Press 110 (Z155); Compression Press 111 (Z156); Compression Press 112 (Z157); Compression Press 113 (Z158); Compression Press 114 (Z159); Compression Press 115 (Z160); Compression Press 116 (Z161); Compression Press 117 (Z162); Compression Press 118 (Z163); Compression Press 119 (Z164); Compression Press 120 (Z165); Compression Press 121 (Z166); Compression Press 122 (Z167); Compression Press 123 (Z168);

Compression Press 124 (Z169); Compression Press 125 (Z170); Compression Press 126 (Z171); Compression Press 127 (Z172); Compression Press 128 (Z173); Compression Press 129 (Z174); Compression Press 130 (Z175); Compression Press 131 (Z176); Compression Press 132 (Z177); Compression Press 133 (Z178); Compression Press 134 (Z179); Compression Press 135 (Z180); Compression Press 136 (Z181); Compression Press 137 (Z182); Compression Press 138 (Z183); Compression Press 139 (Z184); Compression Press 140 (Z185); Compression Press 141 (Z186); Compression Press 142 (Z187); Compression Press 143 (Z188); Compression Press 144 (Z189); Compression Press 145 (Z190); Compression Press 146 (Z191); Compression Press 147 (Z192); Compression Press 148 (Z193); Compression Press 149 (Z194); Compression Press 150 (Z195); Compression Press 151 (Z196); Compression Press 152 (Z197); Compression Press 153 (Z198); Compression Press 154 (Z199); Compression Press 155 (Z200); Compression Press 156 (Z201); Compression Press 157 (Z202);

Compression Press 158 (Z203); Compression Press 159 (Z204); Compression Press 160 (Z205); Compression Press 161 (Z206); Compression Press 162 (Z207); Compression Press 163 (Z208); Compression Press 164 (Z209); Compression Press 165 (Z210); Compression Press 166 (Z211); Compression Press 167 (Z212); Compression Press 168 (Z213); Compression Press 169 (Z214); Compression Press 170 (Z215); Compression Press K01 (Z216); Compression Press K02 (Z217); Compression Press K03 (Z218); Compression Press K04 (Z219); Compression Press K05 (Z220); Compression Press K06 (Z221); Compression Press K07 (Z222); Compression Press K08 (Z223); Compression Press K09 (Z224); Compression Press K10 (Z225); Compression Press K13 (Z226); Compression Press K14 (Z227); Compression Press K15 (Z228); Compression Press K18 (Z229); Compression Press K19 (Z230); Compression Press K20 (Z231); Compression Press K21 (Z232); Compression Press K30 (Z233);

B. State Only Enforceable Section (continued)

Compression Press X14 (Z234); Compression Press X15 (Z235); Compression Press C01 (Z236); Compression Press C02 (Z237); Hayroll Press 1 (Z238); Hayroll Press 2 (Z239); Track Press 1 (Z240); Track Press 2 (Z241); Track Press 3 (Z242); Track Press 4 (Z243); North Pot Heater (Z250); Middle Pot Heater (Z251); South Pot Heater (Z252); Calender 1 (Z256); 10 HF Extruder (Z258); 8 CF Extruder (Z259); 3 CF Extruder (Z260); Roll Laminator (Z264); Slurry Mix Tank (Z266); Slurry Recirculation Tank (Z267); Citrus Degreaser (Z268); Pot Heater Blow Down Pit -West (Z270); Boiler Water Softener (Z271); Boiler Blow Down -East (Z272); Boiler Blow Down -West (Z273); Chlorinator Tanks (Z274); Cooling Tower 1 (Z275); Cooling Tower 2 (Z276); Track Press 5 (Z277); Track Press 6 (Z278); Track Press 7 (Z279); Track Press 8 (Z280); Track Wheel Press (Z284); Track Wheel Press (Z286); Track Wheel Press (Z287); 3.5 CF Extruder (Z288); Compression Press L12 (Z290); Compression Press L13 (Z291); Compression Press L14 (Z292); Compression Press L15 (Z293); Compression Press L16 (Z294); Compression Press L17 (Z295); Compression Press L18 (Z296); Compression Press L19 (Z297); Compression Press L20 (Z298); Compression Press Shell 1 (Z299) Compression Press Shell 2 (Z300); Compression Press Shell 3 (Z301); Compression Press Shell 4 (Z302); Koch Oven 1 (Z303); Koch Oven 2 (Z304); RT Wheel Cell Blaster (Z305); and RSRG Blaster (Z306).

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations as well as any emission limitations and/or control requirements contained within a PTI for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #3 (B003)
Activity Description: 90 MMBtu/hr #6 Oil Boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
90 mmBtu/hr, #6 fuel oil-fired boiler, #2 oil for light off (boiler #3)	OAC rule 3745-18-12(C)(1)	4.2 lb sulfur dioxide (SO ₂)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-10 (C)(2)	0.23 pound PE/mmBtu of actual heat input (See A.1.2.a.)
	OAC rule 3745-17-10(B)(1)	when burning only #2 fuel oil, 0.020 lb PE/mmBtu of actual heat input

2. Additional Terms and Conditions

- 2.a The emission limitation of 0.23 lb PE/mmBtu is based on curve P-2 of Figure I of OAC rule 3745-17-10 and a total heat input capacity of 235 mmBtu/hour (for emissions units B003 and B007, combined). [Emissions units B003 and B007 are united either physically or operationally.]

II. Operational Restrictions

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I. above.
2. The permittee shall burn only # 6 fuel oil and/or or # 2 fuel oil in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. When burning # 6 fuel oil, the permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. For each day during which the permittee burns a fuel other than # 6 fuel oil and/or # 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any record showing a deviation of the allowable sulfur dioxide emission limitation, as shown by the calculated sulfur dioxide emission rates from Section A.III.1 above. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than # 6 fuel oil and/or # 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6 month period.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitation-

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method-

If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).

1.b Emission Limitation:

4.2 pounds SO₂/mmBtu of actual heat input

Applicable Compliance Method-

Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil meets the limitation.

If required, the permittee shall demonstrate compliance with the SO₂ emission limitation above in accordance with the methods specified in OAC rule 3745-18-04(E)(1).

1.c Emission Limitation:

0.23 lb PE/mmBtu actual heat input, when burning # 6 fuel oil

Applicable Compliance Method:

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

The permittee may also demonstrate compliance with the PE limitation above by dividing the emission factor, from AP-42, Table 1.3-1 (revised 09/98), of 10 lbs PE/1000 gallons by the heat content of the #6 fuel oil (Btu/gallon).

1.d Emission Limitation-

0.020 pound PE per mmBtu actual heat input, when firing only #2 fuel oil

Applicable Compliance Method-

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

Compliance may also be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42 emission factor for No. 2 oil (2.0 lbs PE/1000 gallons), and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate and visible emissions for PE.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate and visible emissions:

PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A
Visible PE: Method 9, 40 CFR, Part 60, Appendix A
 - d. The emission testing shall be conducted while this emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Director (the Ohio EPA, Northwest District Office).
3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Director (the Ohio EPA, Northwest District Office). The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Director (the Ohio EPA, Northwest District Office's) refusal to accept the results of the emission test(s).

Personnel from the Director (the Ohio EPA, Northwest District Office) shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Director (the Ohio EPA, Northwest District Office) within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Director (the Ohio EPA, Northwest District Office).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #6 (B007)
Activity Description: 145 MMBtu/hr #6 Oil Boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
145 mmBtu/hr, #6 fuel oil-fired boiler, #2 oil for light off (boiler #6)	OAC rule 3745-18-12(C)(1)	4.2 lb sulfur dioxide (SO ₂)/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-10 (C)(2)	0.23 pound PE/mmBtu of actual heat input (See A.I.2.a.)
	OAC rule 3745-17-10(B)(1)	when burning only #2 fuel oil, 0.020 lb PE/mmBtu of actual heat input

2. Additional Terms and Conditions

- 2.a The emission limitation of 0.23 lb PE/mmBtu is based on curve P-2 of Figure I of OAC rule 3745-17-10 and a total heat input capacity of 235 million Btu/hour (for emissions units B003 and B007, combined). [Emissions units B003 and B007 are united either physically or operationally.]

II. Operational Restrictions

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I. above.
2. The permittee shall burn only # 6 fuel oil and/or or # 2 fuel oil in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

2. When burning # 6 fuel oil, the permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
3. For each day during which the permittee burns a fuel other than # 6 fuel oil and/or # 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any record showing a deviation of the allowable sulfur dioxide emission limitation, as shown by the calculated sulfur dioxide emission rates from Section A.III.1 above. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than # 6 fuel oil and/or # 2 fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6 month period.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitation-

Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method-

If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).

1.b Emission Limitation:

4.2 pounds SO₂/mmBtu of actual heat input

Applicable Compliance Method-

Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil meets the limitation.

If required, the permittee shall demonstrate compliance with the SO₂ emission limitation above in accordance with the methods specified in OAC rule 3745-18-04(E)(1).

1.c Emission Limitation:

0.23 lb PE/mmBtu actual heat input, when burning # 6 fuel oil

Applicable Compliance Method:

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

The permittee may also demonstrate compliance with the PE limitation above by dividing the emission factor, from AP-42, Table 1.3-1 (revised 09/98), of $9.19(S^*)+3.22$ lbs PE/1000 gallons by the heat content of the #6 fuel oil (Btu/gallon).

* S = the weight % of sulfur in the oil

1.d Emission Limitation-

0.020 pound PE per mmBtu actual heat input, when firing only #2 fuel oil

Applicable Compliance Method-

Compliance with the PE limitation above shall be determined based on the results of emission testing conducted in accordance with the methods specified in OAC rule 3745-17-03(B)(9).

Compliance may also be demonstrated by multiplying the maximum fuel oil capacity of the emissions unit (gallons/hr) by the AP-42 emission factor for No. 2 oil (2.0 lbs PE/1000 gallons), and then dividing by the maximum hourly heat input capacity of the emissions unit (mmBtu/hr).

V. Testing Requirements (continued)

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate and visible emissions for PE.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate and visible emissions:

PE: Methods 1 through 5 of 40 CFR, Part 60, Appendix A
Visible PE: Method 9, 40 CFR, Part 60, Appendix A
 - d. The emission testing shall be conducted while this emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Director (the Ohio EPA, Northwest District Office).
3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Director (the Ohio EPA, Northwest District Office). The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Director (the Ohio EPA, Northwest District Office's) refusal to accept the results of the emission test(s).

Personnel from the Director (the Ohio EPA, Northwest District Office) shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Director (the Ohio EPA, Northwest District Office) within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Director (the Ohio EPA, Northwest District Office).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #3 Cementer (K003)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#3 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #4 Cementer (K004)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#4 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #5 Cementer (K005)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#5 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #6 Cement Booth (K006)

Activity Description: Cement Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#6 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #7 Cement Booth (K007)

Activity Description: Cement Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#7 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #1 Spindle Cementer (K008)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#1spindle cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #10 Cementer (K010)
Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#10 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #11 Cementer (K011)
Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#11 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #12 Cementer (K012)
Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#12 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #13 Cementer (K013)
Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#13 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #14 Cementer (K014)
Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#14 cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #15 Table Cementer (K015)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#15 table cementer	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #1&2 Pin Cementers (K019)

Activity Description: N (#1) & S (#2) Cementers

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
# 1 & 2 pin cementers	40 CFR 52.1870(c)(84) (54 FR 32637) (variance)	255 tons volatile organic compounds (VOC)/year (for emissions units K003 thru K008, K010 thru K015, and K019, combined (See A.I.2.a.)
	OAC rule 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC rule 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a This emissions unit does not have to comply with the requirements of OAC rule 3745-21-09 (U) because of the variance. In lieu of the requirements of OAC rule 3745-21-09 (U), the permittee shall limit the total VOC emissions from emissions units K003 thru K008, K010 thru K015, and K019, combined, to 255 tons/year.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each quarter for emissions units K003 thru K008, K010 thru K015, and K019, combined:
 - a. the name and identification number of each adhesive employed;
 - b. the VOC content of each adhesive employed, in pounds/gallon;
 - c. the number of gallons of each adhesive employed;
 - d. the total emissions of VOC from each adhesive employed (b x c), in pounds;
 - e. the total emissions of VOC from all the adhesives employed (summation of d for all adhesives), in pounds;
 - f. the total pounds of the adhesive waste sent off site;
 - g. the VOC content of the adhesive waste sent off site, in %, by weight;
 - h. the total pounds of VOC sent off site (f x g), in pounds; and
 - i. the total emissions of VOC for all the adhesives [(e - h)/2000], in tons.

IV. Reporting Requirements

1. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a summary of the total VOC emissions for emissions units K003 thru K008, K010 thru K015, and K019, combined, for the previous calendar quarter. These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.
2. The permittee shall submit quarterly reports to the Ohio EPA, Northwest District Office that include a description of the progress made during the previous calendar quarter concerning the replacement of the solvent-based adhesives with high-solids and/or water-based adhesives. The reports shall include the following information:
 - a. a description of the research and development work performed, including the factory trials conducted, the progress achieved and the problems encountered; and
 - b. data and/or logs which confirm the research and trials described in paragraph a.

These reports shall be submitted by April 31, July 30, October 30 and January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

255 tons VOC/year (for emissions units K003 thru K008, K010 thru K015 and K019, combined)

Applicable compliance method:

The record keeping requirements established in Section A.III.1 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC content of the adhesives.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #2 Spindle Cementer (K020)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#2 spindle cementer	OAC rule 3745-31-05 (PTI 03-5695)	202 lbs volatile organic compounds (VOC)/day
		See A.I.2.d and A.II.1.
	OAC 3745-21-09(U)(2)(f)	none (See A.I.2.a.)
	OAC 3745-17-11(B)(2)	none (See A.I.2.b.)
	OAC 3745-17-07(A)	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a Pursuant to OAC rule 3745-21-09(U)(2)(f), the Director has determined that "best available technology" for this emissions unit, as defined in PTI # 03-5695, is a control requirement or emission limitation that is either less stringent than or inconsistent with the requirements of paragraph (U)(1) of OAC rule 3745-21-09.
- 2.b The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.c This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.
- 2.d The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(f).

II. Operational Restrictions

1. Coating usage for this emissions unit shall not exceed 416 gallons/month of primer coat and 520 gallons/month of top coat.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. a determination of whether the coating is a prime coat or top coat;
 - c. the VOC content of each coating employed, in pounds/gallon;
 - d. the number of gallons of each coating employed;
 - e. the total emissions of VOC from each coating employed (c x d), in pounds;
 - f. the total emissions of VOC from all the coatings employed [summation of e for all coatings], in pounds;
 - g. the total number of gallons of top coats employed (summation of d for all top coats); and
 - h. the total number of gallons of prime coats employed (summation of d for all prime coats).
2. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the number of gallons of all the top coats employed (calculated by summing the daily numbers of gallons of the top coats employed, from section A.III.1.g above, for the calendar month); and
 - b. the number of gallons of all the prime coatings employed (calculated by summing the daily numbers of gallons of the prime coatings employed, from section A.III.1.h above, for the calendar month).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. all exceedances of the daily VOC emission limitation of 202 pounds; and
 - b. all exceedances of the monthly gallon usage restrictions of 416 and 520 (for primer coatings and top coats, respectively).

All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:
202 lbs VOC/day

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to determine compliance with the daily allowable VOC emission limitation above.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of all the coatings.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Hydro Painter (K021)
Activity Description: Paint Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
rubber/metal parts spray booth hydromount #1 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-8794)	12.84 lbs volatile organic compounds (VOC)/day, from coatings
		1.43 tons VOC/yr (including cleanup materials)
		See A.I.2.c.
	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds VOC/gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.
- 2.c The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

II. Operational Restrictions

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.
2. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the VOC content of each coating employed, in pounds/gallon;
 - c. the number of gallons of each coating employed;
 - d. the total emissions of VOC from each coating employed (b x c), in pounds; and
 - e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds.
2. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the name and identification number of each cleanup material employed;
 - b. the VOC content of each cleanup material employed, in pounds/gallon;
 - c. the number of gallons of each cleanup material employed;
 - d. the total emissions of VOC from each cleanup material employed (b x c), in pounds; and
 - e. the total emissions of VOC from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;
 - f. the total emissions of VOC from all the coatings employed (summation of the daily VOC emission rates, from section A.III.1.e, for the calendar month), in pounds; and
 - g. the total VOC emissions from all the coatings and cleanup materials employed (A.III.2.e + A.III.2.f), in pounds.
3. The permittee shall calculate and record each calendar year the total annual VOC emissions from all the coatings and cleanup materials employed, in tons, for this emissions unit (the annual VOC emissions shall be calculated by summing the monthly VOC emission rates, from section A.III.2.g above, for the calendar year, and then dividing by 2000).
4. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and
 - c. A log of all time periods during which any non-metal portion of the parts was coated.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 12.84 pounds. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit annual reports that summarize the actual annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

IV. Reporting Requirements (continued)

3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.
4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.4 of this permit.
 - 1.b Emission Limitations:
12.84 lbs VOC/day, 1.43 tons VOC/yr (including cleanup)

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

The record keeping requirements established in sections A.III.1, 2 and 3 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.
2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Hydro Painter (K023)
Activity Description: Spray Painter

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
rubber/metal parts spray booth hydromount #2 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-7960)	16.5 lbs volatile organic compounds (VOC)/day, from coatings See A.I.2.c. See A.II.2 and 3.
	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds VOC/gallon of coating, excluding water and exempt solvents.
	OAC rule 3745-17-11(B)	none (See A.I.2.a.)
	OAC rule 3745-17-07(A)	none (See A.I.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.
- 2.c The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

II. Operational Restrictions

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.I.1 of the terms and conditions of this permit, on an "as applied" basis.
2. The daily coating usage shall not exceed 15 gallons in this emissions unit.
3. The permittee shall not employ any cleanup material in this emissions unit that is a liquid organic material. "Liquid organic material" is defined in OAC rule 3745-21-05(C)(3).
4. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the VOC content of each coating employed, in pounds/gallon;
 - c. the number of gallons of each coating employed;
 - d. the total emissions of VOC from each coating employed (b x c), in pounds;
 - e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds; and
 - f. the total number of gallons of all the coatings employed (summation of c for all coatings).
2. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the name and identification number for each cleanup material employed; and
 - b. documentation on whether or not each cleanup material employed is a liquid organic material.
3. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and
 - c. A log of all time periods during which any non-metal portion of the parts was coated.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 16.5 pounds and/or the daily coating usage restriction of 15 gallons. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.
3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying cleanup materials (i.e., liquid organic cleanup materials). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days following the end of the calendar month..
4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.3 of this permit.

- 1.b** Emission Limitation:
16.5 lbs VOC/day

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

- 1.c** Usage Limitation:
15 gallons of coatings/day

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable coating usage restriction above.

- 2.** Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #1 Paint Booth (K028)
Activity Description: Paint Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Binks spray booth, booth #1	OAC rule 3745-21-09(U)(1)(c)	3.5 pounds volatile organic compounds (VOC)/gallon of coating, excluding water and exempt solvents
	OAC rule 3745-17-11(B)	none (See A.1.2.a.)
	OAC rule 3745-17-07(A)	none (See A.1.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.1.1 of the terms and conditions of this permit, on an "as applied" basis.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied; and
 - b. the VOC content of each coating (in lbs/gallon, excluding water and exempt solvents), as applied.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of any noncomplying coating (i.e., for VOC content) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

V. Testing Requirements

1. Compliance with the emission limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation: 3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Compliance shall be based upon the record keeping requirements specified in section A.III.1 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #2 Paint Booth (K029)
Activity Description: Paint Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Binks spray booth, booth #2	OAC rule 3745-21-09 (U)(2)(e)	Coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.1.2.a.)
	OAC rule 3745-17-07(A)	none (See A.1.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. the name and identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed; and
 - c. the total volume, in gallons, of all the coatings employed (summation of b for all coatings).

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Usage Limitation: Coating usage shall not exceed 10 gallons per day

Applicable compliance method:

The record keeping requirements in Section A.III.1 of this permit shall be used to demonstrate compliance with the coating usage restriction above.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #3 Paint Booth (K030)

Activity Description: Paint Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Binks spray booth, booth #3	OAC rule 3745-21-09 (U)(2)(e)	Coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.1.2.a.)
	OAC rule 3745-17-07(A)	none (See A.1.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. the name and identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed; and
 - c. the total volume, in gallons, of all the coatings employed (summation of b for all coatings).

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Usage Limitation: Coating usage shall not exceed 10 gallons per day

Applicable compliance method:

The record keeping requirements in Section A.III.1 of this permit shall be used to demonstrate compliance with the coating usage restriction above.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #5 Spindle Painter (K031)
Activity Description: Painter

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
rubber/metal parts spray booth, spindle painter #5 (only the metal portion of the parts is coated in this emissions unit)	OAC rule 3745-31-05 (PTI #03-8794)	81.6 lbs volatile organic compounds (VOC)/day, from coatings
		5.21 tons VOC/yr (including cleanup)
		See A.1.2.c.
	OAC rule 3745-21-09(U)(1)(c)	3.5 pounds VOC /gallon of coating, excluding water and exempt solvents
	OAC rule 3745-17-11(B)	none (See A.1.2.a.)
	OAC rule 3745-17-07(A)	none (See A.1.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.
- 2.c The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

II. Operational Restrictions

1. Each coating employed in this emissions unit shall comply with the VOC content limitation, specified in condition A.1.1 of the terms and conditions of this permit, on an "as applied" basis.
2. The permittee shall not coat the non-metal portion of the parts in this emissions unit. [The non-metal substrates shall be limited to incidental or unintended 'over spray' only.]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the VOC content of each coating employed, in pounds/gallon;
 - c. the number of gallons of each coating employed;
 - d. the total emissions of VOC from each coating employed (b x c), in pounds; and
 - e. the total emissions of VOC from all the coatings employed (summation of d for all coatings), in pounds.
2. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the name and identification number of each cleanup material employed;
 - b. the VOC content of each cleanup material employed, in pounds/gallon;
 - c. the number of gallons of each cleanup material employed;
 - d. the total emissions of VOC from each cleanup material employed (b x c), in pounds; and
 - e. the total emissions of VOC from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;
 - f. the total emissions of VOC from all the coatings employed (summation of the daily VOC emission rates, from section A.III.1.e, for the calendar month), in pounds; and
 - g. the total VOC emissions from all the coatings and cleanup materials employed (A.III.2.e + A.III.2.f), in pounds.
3. The permittee shall calculate and record each calendar year the total annual VOC emissions from all the coatings and cleanup materials employed, in tons, for this emissions unit (the annual VOC emissions shall be calculated by summing the monthly VOC emission rates, from section A.III.2.g above, for the calendar year, and then dividing by 2000).
4. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content of each coating (in pounds/gallon, excluding water and exempt solvents), as applied; and
 - c. A log of all time periods during which any non-metal portion of the parts was coated.

(If the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 81.6 pounds. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.
2. The permittee shall submit annual reports that summarize the actual annual VOC emissions for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

IV. Reporting Requirements (continued)

3. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.
4. The permittee shall submit quarterly summaries that include a log of all time periods during which any non-metal portion of the parts was coated in this emissions unit. The quarterly reports shall be submitted by March 31, June 30, September 30, and December 31 of each year and shall cover the previous calendar quarter.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - 1.a Emission Limitation:
3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in section A.III.4 of this permit.
 - 1.b Emission Limitations:
81.6 lbs VOC/day, 5.21 tons VOC/yr (including cleanup)

Applicable Compliance Method:
The record keeping requirements established in section A.III.1 of this permit shall be used to demonstrate compliance with the daily allowable VOC emission limitation.

The record keeping requirements established in sections A.III.1, 2 and 3 of this permit shall be used to demonstrate compliance with the annual allowable VOC emission limitation.
2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #3 Spindle Cementer (K033)

Activity Description: Cementer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
primer and adhesive coating operation with preheat ovens & dry filtration	OAC rule 3745-31-05 (PTI #03-13346)	from the primer coating operation: 61.8 lbs volatile organic compounds (VOC)/day 11.3 tons VOC/yr from the adhesive coating operation: 64.0 lbs VOC/day 11.7 tons VOC/yr from the cleanup operations: 6.76 lbs VOC/month 0.04 ton VOC/yr See A.I.2.c.
	OAC rule 3745-21-09(U)(2)(e)(ii)	for the primer coating operation: a maximum primer coating usage of 10 gallons/day (See A.I.2.d.) for the adhesive coating operation: a maximum adhesive coating usage of 10 gallons/day (See A.I.2.d.)
	OAC rule 3745-17-11 (B)	none (See A.I.2.a.)
	OAC rule 3745-17-07 (A)	none (See A.I.2.b.)

2. Additional Terms and Conditions

- 2.a** The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.
- 2.b** This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (A), pursuant to OAC rule 3745-17-07 (A) (3) (h), because OAC rule 3745-17-11 is not applicable.
- 2.c** The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).
- 2.d** This emissions unit consists of a primer coating operation and an adhesive coating operation separated by a drying oven, with each coating operation being subject to the coating usage limitation of 10 gallons per day [per OAC rule 3745-21-09 (U)(2)(e)]. Both coating operations meet the definition of a coating line per OAC rule 3745-21-01 (D)(10).

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

- 1.** The permittee shall collect and record the following information each day for the primer coating operation associated with this emissions unit:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all the coatings employed.
 - d. The VOC content of each coating employed, in lbs/gallon, as applied.
 - e. The VOC emission rate for each coating employed (d x b), in pounds.
 - f. The total VOC emission rate for all the coatings employed (summation of e for all coatings), in pounds.
- 2.** The permittee shall collect and record the following information each day for the adhesive coating operation associated with this emissions unit:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all the coatings employed.
 - d. The VOC content of each coating employed, in lbs/gallon, as applied.
 - e. The VOC emission rate for each coating employed (d x b), in pounds.
 - f. The total VOC emission rate for all the coatings employed (summation of e for all coatings), in pounds.

III. Monitoring and/or Record Keeping Requirements (continued)

3. The permittee shall collect and record the following information each month for the cleanup operations associated with this emissions unit:
 - a. The name and identification number of each cleanup material.
 - b. The VOC content of each cleanup material employed, in pounds/gallon, as applied.
 - c. The number of gallons of each cleanup material employed.
 - d. The VOC emission rate for each cleanup material employed (b x c), in pounds.
 - e. The total VOC emission rate for all the cleanup materials employed (summation of d for all cleanup materials), in pounds.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following information:
 - a. all exceedances of the daily VOC emission limitations of 61.8 pounds and 64.0 pounds (for the primer coating operation and the adhesive coating operation, respectively); and
 - b. all exceedances of the monthly VOC emission limitation of 6.76 pounds (for the cleanup operations).

All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

2. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of each daily record showing an exceedance of the maximum daily coating usage limitation of 10 gallons (for the primer coating operation and/or for the adhesive coating operation). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitations: 61.8 lbs VOC/day and 11.3 tons VOC/yr (from the primer coating operation)

Applicable Compliance Method:

Compliance with the daily allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

As long as compliance with the daily limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 365, and then dividing by 2000).

b. Usage Limitation:

10 gallons of primer coating/day

Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

c. Emission Limitations:

64.0 lbs VOC/day and 11.7 tons VOC/yr (from the adhesive coating operation)

Applicable Compliance Method:

Compliance with the daily allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.2 of this permit.

As long as compliance with the daily limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 365, and then dividing by 2000).

d. Usage Limitation:

10 gallons of adhesive coating/day

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section A.III.2 of this permit.

e. Emission Limitations: 6.76 lbs VOC/month and 0.04 ton VOC/yr (for the cleanup operations)

Applicable Compliance Method:

Compliance with the monthly allowable VOC emission limitation shall be based upon the record keeping requirements specified in Section A.III.3 of this permit.

As long as compliance with the monthly limitation is maintained, compliance with the annual limitation shall be assumed (the annual limitation was calculated by multiplying the daily limitation by 12, and then dividing by 2000).

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
primer and adhesive coating operation with preheat vvens & dry filtration	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

- The permit to install for this emissions unit was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Toluene*

TLV (ug/m3): 188,000

Maximum Hourly Emission Rate (lbs/hr): 3.50

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 136

MAGLC (ug/m3): 4476

* The following additional conservative assumptions were made in the Screen modeling:

For emissions unit K033, the remaining emissions of toxic compounds in the coatings or cleanup materials were assumed to be toluene which has the lowest TLV of the remaining toxic compounds emitted in excess of 1 TPY.

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:
 - a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
 - b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
 - c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"
 - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
 - b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
 - c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Rust Inhibitor (P001)
Activity Description: Rust Inhibitor

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
rust inhibitor dip tank	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds volatile organic compound (VOC) /gallon of coating, excluding water and exempt solvents

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. Each material added to the dip tank shall comply with the VOC content limitation, on an "as applied" basis.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. The name and identification number of each material added to the dip tank.
 - b. The VOC content of each material added to the dip tank, in lbs/gallon, excluding water and exempt solvents.

IV. Reporting Requirements

1. The permittee shall notify the Director (Ohio EPA, Northwest District Office) in writing of any monthly record showing the use of noncomplying coating materials (i.e., for VOC content). The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northwest District Office) within 30 days following the end of the calendar month.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:
 3.5 pounds VOC/gallon of coating (excluding water and exempt solvents)

Compliance shall be based upon the record keeping requirements specified in section A.III.1 of this permit.

Facility Name: **The Goodyear Tire and Rubber Co.**

Facility ID: **03-06-01-0138**

Emissions Unit: **Rust Inhibitor (P001)**

V. Testing Requirements (continued)

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury #2 (P005)
Activity Description: Rubber Mixer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury mixer #2 (vented to 2 baghouses in series)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a** This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

- The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury #3 (P006)
Activity Description: Rubber Mixer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury mixer #3 (vented to baghouse)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a** This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

- The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of $(1 - 0.98)$.*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury #1 (P017)
Activity Description: Rubber Mixer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury mixer #1 (vented to baghouse)	OAC rule 3745-31-05 (A)(3) (PTI #03-10885)	0.07 lb particulate emissions (PE)/hr 0.32 ton PE/yr 1.66 lbs organic compounds (OC)/hr 7.27 tons OC/yr The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)	See A.I.2.a. 17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined) (See A.I.2.b.)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.
- 2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
- 2.c The hourly OC emission limitation was established for PTI purposes to reflect the emissions unit's potential to emit. Therefore, no hourly monitoring, record keeping, or reporting requirements are necessary to ensure compliance with this limit.
- 2.d This emissions unit is not subject to OAC rule 3745-21-07(G)(2) as determined by the Ohio Supreme Court in Ashland Chem. Co. v. Jones (2001), 92 Ohio St.3.d 234.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitations:
0.07 lb PE/hr and 0.32 TPY PE (for this emissions unit)

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the Rubber Manufacturing Association (revised 06/99)] of 0.0009 lb PE/lb rubber by the maximum raw material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

Compliance with the annual PE limitation shall be assumed as long as compliance with the hourly PE limitation is maintained (the annual PE limitation was determined by multiplying the hourly PE limitation by 8760, and then dividing by 2000).

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

V. Testing Requirements (continued)

- 1.b** Emission Limitations:
1.66 lbs OC/hr and 7.27 TPY OC

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable OC emission limitation by multiplying the emission factor [provided by the Rubber Manufacturing Association (revised 06/99)] of 0.00215 lb OC/lb rubber by the maximum raw material usage rate (lbs/hr).

Compliance with the annual OC emission limitation shall be assumed as long as compliance with the hourly OC emission limitation is maintained (the annual OC emission limitation was determined by multiplying the hourly OC emission limitation by 8760, and then dividing by 2000).

If required, the permittee shall determine compliance with the hourly OC emission limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

- 1.c** Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

- 1.d** Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of $(1 - 0.98)^*$.

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Tumblaster #1 (P021)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
tumbleblaster #1, with baghouse	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

- The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

- The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

1.a Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

1.b Emission Limitation:
12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)** , and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Tumblaster #2 (P022)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
tumbleblaster #2, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

- The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:

12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Tumblaster #3 (P023)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
tumbleblaster #3, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:

12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Tumblaster #5 (P025)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
tumbleblaster #5, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

- The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:

12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Shot Peening Machine (P026)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
shot peening maching #1, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

1. The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:

12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Shot Peening Machine (P028)
Activity Description: Shot blaster used for cleaning

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
shot peening maching #2, with 2 baghouses in series	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	12.4 lbs PE/hr (See A.I.2.a.)

2. Additional Terms and Conditions

- The PE limitation of 12.4 lbs/hr represents an allowable PE rate for emissions units P021, P022, P023, P025, P026, and P028, combined. The allowable PE limitation (from Figure II of OAC rule 3745-17-11) was based on the maximum uncontrolled emission rate for emissions units P021, P022, P023, P025, P026, and P028, combined (these emissions units are united either physically or operationally). [Table I does not apply since the facility is located in Auglaize County.]

II. Operational Restrictions

- The pressure drop across the primary baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation. The pressure drop across the secondary baghouse shall be maintained within the range of 0.5 to 4 inches of water* while the emissions unit is in operation.

The pressure drop range shall apply at all times, except during periods of rebagging and until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across both baghouses while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across either baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:

12.4 lbs PE/hr

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying a maximum outlet concentration of 0.02 grain/dscf* by the total maximum volumetric air flow rate (26,300 acfm)**, and dividing by 7000, and then multiplying by 60.

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

* based on information supplied by the manufacturer

** the 26,300 acfm is the maximum volumetric air flow rate for emissions units P021, P022, P023, P025, P026 and P028, combined

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Empty Bag Collector (P034)

Activity Description: Empty bag transport system for disposal of empty weigh-up bag waste from banbury area

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
empty bag collector, with cyclone	OAC rule 3745-31-05 (A)(3) (PTI #03-2106)	See A.I.2.a.
	OAC rule 3745-17-07 (A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	4.36 lbs PE/hr

2. Additional Terms and Conditions

- 2.a The requirements of this rule are equivalent to the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B).

II. Operational Restrictions

1. The permittee shall employ a cyclone to control all the PE from this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation (emissions point inside building), for any visible particulate emissions from the baghouse serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:

Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

- 1.b Emission limitation:

4.36 lbs PE/hr

Applicable compliance method:

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with OAC rule 3745-17-03(B)(10).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury Chemical Blending Equipment (P066)
Activity Description: Mixing of dry chemicals used in the rubber mix area

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury chemical blending equipment, with baghouse	OAC rule 3745-31-05 (A)(3) (PTI #03-6916)	0.48 lb particulate emissions (PE)/hr See A.I.2.a.
	OAC rule 3745-17-07 (A)	none (See A.I.2.b.)
	OAC rule 3745-17-11	none (See A.I.2.c.)

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.
- 2.c The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) specified in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

Emission limitation:
0.48 lb PE/hr

Applicable compliance method:

The permittee may determine compliance with the hourly PE limitation by multiplying the maximum process weight rate (lbs/hr) by the emission factor [from the Rubber Manufacturers Association (revised 06/99)] of 0.0009 lb PE/ lb rubber and by a control factor of (1 - 0.99).*

If required, compliance with the hourly allowable PE limitation shall be determined in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 99%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury Bagging and Chemical Weighup (P080)
Activity Description: Weighing of dry chemicals used in the rubber mix area

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury chemical bagging and weighup area, with baghouse	OAC rule 3745-31-05(A)(3) (PTI #03-8008)	0.24 lb particulate emissions (PE)/hr See A.I.2.a.
	OAC rule 3745-17-07(A)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A). Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)	See A.I.2.b.

2. Additional Terms and Conditions

- 2.a Best available technology (BAT) has been determined to be the use of a baghouse to control all the PE from this emissions unit.
- 2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3475-31-05 (A)(3).

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I. of the terms and conditions of this permit shall be determined in accordance with the following method(s):

- 1.a Emission limitation:
0.24 lb PE/hr

Applicable compliance method:

The permittee shall demonstrate compliance with the hourly allowable PE limitation based on the results of emission testing conducted in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

- 1.b Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance OAC rule 3745-17-03(B)(1).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 2.a The emission testing shall be conducted within 3 months after permit issuance and within 6 months prior to permit expiration.
 - 2.b The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE.
 - 2.c The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate for PE: Methods 1 - 5 of 40 CFR Part 60, Appendix A.
 - 2.d The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

V. Testing Requirements (continued)

3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northwest District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Banbury #4 (P083)

Activity Description: Rubber Mixer

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
banbury mixer #4 (vented to baghouse)	OAC rule 3745-17-11(B)	17.3 lbs particulate emissions (PE)/hr (for emissions units P005, P006, P017, and P083, combined)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.a.)

2. Additional Terms and Conditions

- 2.a** This emissions unit is located in Auglaize County (which is not a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06) and is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), it is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

- The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water* while the emissions unit is in operation.

* The pressure drop range shall apply at all times, except during periods of rebagging until sufficient filter cake is developed on the bags.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

[Note that the permittee has automatic alarm systems in place.]

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1).

- 1.b Emission Limitation:
17.3 lbs PE/hr (for emissions units P005, P006, P017, and P083, combined)

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the emission factor [provided by the permittee] of 1.2 lbs PE/100 lbs of solid materials used by the maximum raw solid material usage rate (lbs/hr), and then multiplying by a control factor of (1 - 0.98).*

If required, the permittee shall demonstrate compliance with hourly allowable PE limitation in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

* The control efficiency of the baghouse is assumed to be 98%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: #3W Paint Booth (R010)

Activity Description: Paint Booth

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
#3 paint spray booth (wheels)	OAC rule 3745-21-09(U)(2)(e)	coating usage shall not exceed 10 gallons per day
	OAC rule 3745-17-11(B)	none (See A.1.2.a.)
	OAC rule 3745-17-07(A)	none (See A.1.2.b.)

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table I does not apply because the facility is located in Auglaize County.
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all the coatings employed.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 10 gallons. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

1. Compliance with the limitation in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

Usage Limitation:

coating usage shall not exceed 10 gallons per day

Applicable compliance method:

The record keeping in Section A.III.1 of this permit shall be used to determine compliance with the coating usage restriction.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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