OhioEPA

State of Ohio Environmental Protection Agency

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

TELE: (614) 644-3020 **FAX:** (614) 644-2329

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

05/24/01

CERTIFIED MAIL

RE: Proposed Title V Chapter 3745-77 permit
02-04-00-0060
Andover Industries, BMPI

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

Dear Ms. Damico:

The proposed issuance of the Title V permit for Andover Industries, BMPI, has been created in Ohio EPA's State Air Resources System (STARS) on 05/24/01, for review by USEPA. This proposed action is identified in STARS as 3-Title V Proposed Permit T+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 Mike Ahern, DAPC Permit Management Unit supervisor 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,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: Northeast District Office
Becky Castle, DAPC PMU

State of Ohio Environmental Protection Agency

PROPOSED TITLE V PERMIT

Issue Date:	Effective Date:	Expiration Date:

This document constitutes issuance of a Title V permit for Facility ID: 02-04-00-0060 to:
Andover Industries, BMPI
Maple Street Extension
P.O. Box 459
Andover, OH 44003

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

B003 (Powerwash (Line 1))
Powerwash

B004 (Dry-Off Oven (Line 1))
Dry-Off Oven

P007 (Oven #6 (Line 2))
Paint Drying Oven

P008 (Oven #7 (Line 3))
Paint Drying Oven

P010 (Oven #9 (Line 1))
Paint Drying Oven

R117 (#75 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R118 (#76 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R119 (#77 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R120 (#78 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R121 (#79 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R122 (#80 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R123 (#81 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R124 (#82 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R125 (#83 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R126 (#84 Paint Booth)
Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

R129 (#91 Paint Booth)
6' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

R130 (#92 Paint Booth)
10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

R131 (#93 Paint Booth)
8' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

R132 (#94 Paint Booth)
10' wide Spray Booth for Automatic Machine; Water Wash Filtration; Parts pass through on a chain conveyor

R133 (#95 Paint Booth)
10' wide Spray Booth for Automatic Machine; Water Wash Filtration; Parts pass through on a chain conveyor

R134 (#96 Paint Booth)
8' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

R135 (#97 Paint Booth)
10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

R136 (#98 Paint Booth)
10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

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. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-04(A) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal 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:

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087
(330) 425-9171

OHIO ENVIRONMENTAL PROTECTION AGENCY

_____

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Recordkeeping 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.

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.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (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. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. 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. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, 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. 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, recordkeeping, 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.

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 are true, accurate, and complete.

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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

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 emission unit(s) that is (are) served by such control system(s).

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.

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.

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.

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. 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.

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.

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.

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.

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 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.

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.

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 appropriate Ohio EPA District Office or local air agency 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.

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.

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).

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.

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, 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; and

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 further clarification, the permittee can refer to Engineering Guide #63 that is available in their STARSHIP software package.)

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.

18. Insignificant Activity

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

B. State Only Enforceable Section

1. 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.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping 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 (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) 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. 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.)

3. 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.

4. 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.

5. 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).

6. 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.

7. 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.

8. 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)

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 Enforceable Section

None

B. State Only Enforceable Section

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

N001 - Paint Hanger Incinerator
P001 - E-46 Electric Bake Oven
P009 - Lab Oven #8
R070 - Lab Spray Booth 14
Z001 - Powerwash and Dry-off Oven (Lines 2 & 3)
Z002 - Spray-out Booth (Room 1)
Z003 - Molding Press #1
Z004 - Molding Press #2
Z005 - Molding Press #3
Z006 - Molding Press #4
Z007 - Molding Press #5
Z008 - Molding Press #6
Z009 - Molding Press #7
Z010 - Molding Press #8
Z011 - Molding Press #9
Z012 - Molding Press #10
Z013 - Molding Press #11
Z014 - Molding Press #12
Z015 - Molding Press #13
Z016 - Molding Press #14
Z017 - Molding Press #15
Z018 - Molding Press #16
Z019 - Molding Press #17
Z020 - Molding Press #18
Z021 - Molding Press #19
Z022 - Molding Press #20
Z023 - Molding Press #39
Z024 - Molding Press #40
Z025 - Molding Press #41
Z026 - Molding Press #42
Z027 - Molding Press #43
Z028 - Molding Press #44

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

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Powerwash (Line 1) (B003)

Activity Description: Powerwash

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Natural Gas-Fired Water Heater for the Powerwash Unit on Line #1	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	0.060 pound per hour and 0.26 ton per year of particulate emissions. 0.057 pound per hour, 0.019 pound per MMBtu, and 0.25 ton per year of CO emissions. 0.42 pound per hour, 0.14 pound per MMBtu, and 1.84 tons per year of NOx emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-10.
	OAC rule 3745-17-10(B)(1)	0.020 pound per MMBtu of actual heat input of particulate emissions.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, 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 submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submited within 30 days after the deviation occurs.

V. Testing Requirements

1. Emission Limitations:
0.060 pound per hour and 0.020 pound per MMBtu of particulate emissions

Applicable Compliance Method:
To determine the actual particulate emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

2. Emission Limitation:
0.26 ton per year of particulate emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.060 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

3. Emission Limitations:
0.057 pound per hour and 0.019 pound per MMBtu of CO emissions

Applicable Compliance Method:
To determine the actual CO emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

4. Emission Limitation:
0.25 ton per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.057 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

5. Emission Limitations:
0.42 pound per hour and 0.14 pound per MMBtu of NOx emissions

Applicable Compliance Method:
To determine the actual NOx emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

6. Emission Limitation:
1.84 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.42 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

7. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference method 9.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Dry-Off Oven (Line 1) (B004)

Activity Description: Dry-Off Oven

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Natural Gas-Fired Dry-Off Oven #10 on Line #1	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	0.040 pound per hour and 0.18 ton per year of particulate emissions. 0.038 pound per hour, 0.019 pound per MMBtu, and 0.17 ton per year of CO emissions. 0.28 pound per hour, 0.14 pound per MMBtu, and 1.23 tons per year of NOx emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-10.
	OAC rule 3745-17-10(B)(1)	0.020 pound per MMBtu of actual heat input of particulate emissions.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, 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 submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submited within 30 days after the deviation occurs.

V. Testing Requirements

1. Emission Limitations:
0.040 pound per hour and 0.020 pound per MMBtu of particulate emissions

Applicable Compliance Method:
To determine the actual particulate emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

2. Emission Limitation:
0.18 ton per year of particulate emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.040 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

3. Emission Limitations:
0.038 pound per hour and 0.019 pound per MMBtu of CO emissions

Applicable Compliance Method:
To determine the actual CO emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

4. Emission Limitation:
0.17 ton per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.038 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

5. Emission Limitations:
0.28 pound per hour and 0.14 pound per MMBtu of NOx emissions

Applicable Compliance Method:
To determine the actual NOx emission rate for natural gas combustion, emission factors outlined in AP-42, Section 1.4 (Natural Gas Combustion - Fifth Edition, 3/98) shall be used.

6. Emission Limitation:
1.23 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.28 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

7. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA reference method 9.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Oven #6 (Line 2) (P007)

Activity Description: Paint Drying Oven

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Bake Oven #6 for Paint Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	2.73 tons per year of OC emissions The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07.
	OAC rule 3745-21-07(G)(1)	3 pounds per hour and 15 pounds per day of OC emissions

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booths (R117, R118, R119, R120, and R121), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in the spray booths that are emitted uncontrolled from the spray booths. The remaining percentage of the organic compounds employed in the spray booths shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booths shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after the issuance of the permit.

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

2. The permittee shall collect and record the following information for each day for the oven:

a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all the coatings employed in all the coating operations (R117 - R121) associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.1 of this permit), in pounds per day.

b. The total number of hours this emissions unit was in operation. (This number should be the same as the maximum number of hours any of the associated coating operations were in operation.)

c. The average hourly organic compound emission rate, i.e., (a)/(b), in pounds per hour (average).

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 3 pounds per hour, and the actual average hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 15 pounds per day, and the actual organic compound emissions for each such day.

2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Emission Limitation:
3 pounds per hour of OC emissions

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A

The permittee shall conduct, or have conducted, emission testing to determine the "split" percentage for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 1 to 2 months after issuance of the permit.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or Method 25A of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and all the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the appropriate Ohio EPA, Northeast District Office.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emissions Limitation:
15 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.2.a.

3. Emissions Limitation:
2.73 tons per year of OC emissions

Applicable Compliance Method:
E (tons/yr) = summation of daily emissions for the previous calendar year based on the record keeping requirements in section A.III.3, (lbs/yr) / 2,000 (lbs/ton)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Oven #7 (Line 3) (P008)

Activity Description: Paint Drying Oven

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Bake Oven #7 for Paint Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	2.73 tons per year of OC emissions The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07.
	OAC rule 3745-21-07(G)(1)	3 pounds per hour and 15 pounds per day of OC emissions

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated spray booths (R122, R123, R124, R125, and R126), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in the spray booths that are emitted uncontrolled from the spray booths. The remaining percentage of the organic compounds employed in the spray booths shall be considered to be the uncontrolled emissions for this emissions unit. This "split" of organic compound emissions between this emissions unit and the associated spray booths shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after the issuance of the permit.

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

2. The permittee shall collect and record the following information for each day for the oven:

a. The total potential (prior to applying the booth/oven "split") uncontrolled daily organic compound emission rate for all the coatings employed in all the coating operations (R122 - R126) associated with this emissions unit, multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.1 of this permit), in pounds per day.

b. The total number of hours this emissions unit was in operation. (This number should be the same as the maximum number of hours any of the associated coating operations were in operation.)

c. The average hourly organic compound emission rate, i.e., (a)/(b), in pounds per hour (average).

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 3 pounds per hour, and the actual average hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 15 pounds per day, and the actual organic compound emissions for each such day.

2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Emission Limitation:
3 pounds per hour of OC emissions

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A

The permittee shall conduct, or have conducted, emission testing to determine the "split" percentage for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within 1 to 2 months after issuance of the permit.

b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or Method 25A of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and all the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the appropriate Ohio EPA, Northeast District Office.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emissions Limitation:
15 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.2.a.

3. Emissions Limitation:
2.73 tons per year of OC emissions

Applicable Compliance Method:
E (tons/yr) = summation of daily emissions for the previous calendar year based on the record keeping requirements in section A.III.3, (lbs/yr) / 2,000 (lbs/ton)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Oven #9 (Line 1) (P010)

Activity Description: Paint Drying Oven

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Natural Gas-Fired Bake Oven #9 on Line #1 equipped with a concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	21.2 pounds per day of OC emissions. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. 0.060 pound per hour, 0.020 pound per MMBtu, and 0.19 ton per year of particulate emissions. 0.057 pound per hour, 0.019 pound per MMBtu, and 0.18 ton per year of CO emissions. 0.42 pound per hour, 0.14 pound per MMBtu, and 1.31 tons per year of NOx emissions.
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(1)	The overall control efficiency based on OAC rule 3745-21-07 is less stringent than the overall control efficiency established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The emission limits for particulates, CO, and NOx for this emissions unit are for the emissions from the combustion of natural gas in Oven #9.

2. Additional Terms and Conditions (continued)

2.b All emissions from Oven #9 (P010) and Spray Booths #90 - #98 (R128 - R136) shall be vented to the OC control system.

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentration in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

3. The permittee shall collect and record on a daily basis the total number of hours this emissions unit was in operation.

4. The permittee shall calculate and record on a daily basis the total organic compound emissions from this emissions unit (see equation in A.V.8).

5. The permittee shall collect and record on an annual basis the total number of hours this emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 21.2 pounds per day and the actual organic compound emissions for each such day.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions and the capture efficiency and control efficiency limitations for OC emissions. The outlet of the oven shall also be tested to determine the uncontrolled OC emissions from the oven.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
0.060 pound per hour and 0.020 pound per million Btu of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

3. Emission Limitations:
0.057 pound per hour and 0.019 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

4. Emission Limitations:
0.42 pound per hour and 0.14 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

5. Emissions Limitation:
0.19 ton per year of particulate emissions

Applicable Compliance Method:
E (tons/yr) = (allowable hourly emission rate, lbs/hr x annual hours of operation, hrs/yr) / 2,000 lbs/ton

6. Emissions Limitation:
0.18 ton per year of CO emissions

Applicable Compliance Method:
E (tons/yr) = (allowable hourly emission rate, lbs/hr x annual hours of operation, hrs/yr) / 2,000 lbs/ton

7. Emissions Limitation:
1.31 tons per year of NOx emissions

Applicable Compliance Method:
E (tons/yr) = (allowable hourly emission rate, lbs/hr x annual hours of operation, hrs/yr) / 2,000 lbs/ton

V. Testing Requirements (continued)

8. Emissions Limitation:
21.2 pounds per day of OC emissions

Applicable Compliance Method:
E (lbs/day) = uncontrolled OC emission rate associated with the oven outlet, as determined from emissions testing x (1 - destruction efficiency) x daily hours of operation

Note: The uncontrolled outlet of the oven needs to be tested separately from the incinerator outlet because there are several other emissions units (spray booths) venting to the incinerator.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #75 Paint Booth (R117)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#75 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #76 Paint Booth (R118)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#76 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #77 Paint Booth (R119)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#77 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #78 Paint Booth (R120)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#78 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	8.04 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
8.04 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #79 Paint Booth (R121)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#79 Spray Booth on Line #2	OAC rule 3745-31-05(A)(3) PTI No. 02-1550	12.95 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P007), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R117 - R121) venting to Oven #6 (P007).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
12.95 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #80 Paint Booth (R122)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#80 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-13650	118.0 pounds per day and 21.5 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

4. The permittee shall submit deviation (excursion) reports that identify each day during which the OC emissions from the coatings and cleanup materials exceeded 118.0 pounds per day, and the actual organic compound emissions for each such day.

V. Testing Requirements

1. Emission Limitation:
21.5 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Emission Limitation:
118.0 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #81 Paint Booth (R123)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#81 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	9.96 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
9.96 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #82 Paint Booth (R124)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#82 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	9.96 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
9.96 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #83 Paint Booth (R125)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#83 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	10.01 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
10.01 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #84 Paint Booth (R126)

Activity Description: Parts pass through hand spray booth on a chain conveyor for paint application to plastic automotive parts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#84 Spray Booth on Line #3	OAC rule 3745-31-05(A)(3) PTI No. 02-1772	10.01 tons per year of OC emissions. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07, 3745-17-11, and 3745-21-07.
	OAC rule 3745-21-07(G)(2)	See Section A.II.1 below.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour of particulate emissions.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA, Northeast District Office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

III. Monitoring and/or Record Keeping Requirements

1. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P008), the permittee shall utilize a value established by emissions testing to determine the "split" percentage as the maximum percentage of the organic compounds employed in this emissions unit that are emitted uncontrolled from this emissions unit. The remaining percentage of the organic compounds employed in this emissions unit shall be considered to be part of the uncontrolled emissions for the associated oven. This "split" of organic compound emissions between this emissions unit and the associated oven shall be based upon the results of emissions testing performed on this emissions unit within 1 to 2 months after issuance of the permit.

2. The permittee shall collect and record the following information on a daily basis for this emissions unit:

a. The company identification for each coating employed.

b. The number of gallons of each coating employed.

c. The organic compound content of each coating, in pounds per gallon.

d. The total potential (prior to applying the booth/oven "split") daily organic compound emission rate for all coatings, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings, i.e., (d)/(e), in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

3. The permittee shall maintain daily records of the sum of the total potential (prior to applying the booth/oven "split") daily organic compound emission rates for all the spray booths (R122 - R126) venting to Oven #7 (P008).

4. The permittee shall collect and record the following information on a monthly basis for the purpose of determining annual organic compound emissions:

a. The company identification for each cleanup material employed.

b. The number of gallons of each cleanup material employed.

c. The organic compound content of each cleanup material, in pounds per gallon.

d. The total organic compound emission rate for all cleanup materials, in pounds.

e. The total potential (prior to applying the booth/oven "split") organic compound emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as established by the spray booth/oven "split"), in pounds.

f. The total organic compound emission rate for all coatings and cleanup materials, in pounds (i.e., the sum of the figures from items (d) and (e)).

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service while the emissions unit was in operation.

6. For each liquid organic material employed, the permittee shall document whether or not the material is a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

3. The permittee shall submit deviation (excursion) reports which include an identification of each day during which any photochemically reactive materials were employed.

V. Testing Requirements

1. Emission Limitation:
10.01 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in term A.III.1 and shall be the sum of the monthly emission rates for the calendar year.

2. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC content of the coatings and cleanup materials.

3. Emission Limitation:
20% opacity for visible particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

4. Emission Limitation:
0.551 pound per hour of particulate emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #91 Paint Booth (R129)

Activity Description: 6' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#91 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-14411	50.88 pounds per day and 9.29 tons per year of OC emissions from this emissions unit for all coatings and cleanup materials employed. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-17-11(B)(1)	0.551 pound per hour and 2.41 tons per year of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The permittee shall burn only natural gas and/or number two fuel oil in the thermal incinerator.

3. The average OC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a OC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

4. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the thermal incinerator.

3. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the OC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average OC concentration in the exhaust gases from the absorber during each of the eight 3-hour blocks of time during the day.

4. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

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

5. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

6. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

7. The permittee shall collect and record on a monthly basis the total number of gallons of coatings employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two 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 deviation (excursion) reports that identify all 3-hour blocks of time during which the average OC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

4. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 50.88 pounds per day and the actual organic compound emissions for each such day.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

V. Testing Requirements (continued)

2. Emission Limitations:
50.88 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.5 and the testing requirements specified above.

3. Emission Limitations:
9.29 tons per year of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.5 and shall be the sum of the daily OC emission rates for the calendar year divided by 2,000 pounds per ton.

4. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

7. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

8. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

V. Testing Requirements (continued)

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

VI. Miscellaneous Requirements

1. PTI No. 02-14411 replaces PTI No. 02-7158.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#91 Paint Booth on Line #1 equipped with a concentrator and thermal incinerator for organic compound emissions control.		Compliance with the Air Toxics Policy.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for emission unit R129 was evaluated based on the actual 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 using data from the permit to install application and the SCREEN3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant:

Pollutant: Naphthalene

TLV (ppm): 10

Maximum Hourly Emission Rate (lbs/hr): 2.12

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 157.9

MAGLC (ug/m3): 1,248

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

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 still 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 (typically for 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.

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: #92 Paint Booth (R130)

Activity Description: 10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#92 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	43.5 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 6.69 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 43.5 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 6.69 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
43.5 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
6.69 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #93 Paint Booth (R131)

Activity Description: 8' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#93 Paint Booth on Line #1 equipped with a PTE, condenser and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	9.36 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 25 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 4 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 9.36 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
9.36 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #94 Paint Booth (R132)

Activity Description: 10' wide Spray Booth for Automatic Machine; Water Wash Filtration; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#94 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	27.1 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 27.1 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
27.1 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #95 Paint Booth (R133)

Activity Description: 10' wide Spray Booth for Automatic Machine; Water Wash Filtration; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#95 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	27.1 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 4.43 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 3,500 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 40 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 27.1 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 4.43 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
27.1 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
4.43 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #96 Paint Booth (R134)

Activity Description: 8' wide Spray Booth for Hand Spray; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#96 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	12.5 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 31 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 4 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 12.5 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
12.5 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
3.95 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #97 Paint Booth (R135)

Activity Description: 10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#97 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	23.6 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 2,000 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 12 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 23.6 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
23.6 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
3.95 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: #98 Paint Booth (R136)

Activity Description: 10' wide Spray Booth for Automatic Machine; Dry Filter; Parts pass through on a chain conveyor

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
#98 Paint Booth on Line #1 equipped with a PTE, concentrator and thermal incinerator for organic compound emissions control.	OAC rule 3745-31-05(A)(3) PTI No. 02-7158	23.6 pounds per day of OC emissions from this emissions unit for all coatings and cleanup materials employed. The OC content of the coatings, as employed in this emissions unit, shall be limited to 3.95 pounds per gallon before controls. The OC content of the cleanup materials, as employed in this emissions unit, shall be limited to 6.71 pounds per gallon before controls. This facility shall maintain for this emissions unit an OC capture efficiency which is 100% by weight and a control efficiency (i.e., destruction or removal efficiency) which is at least 92% by weight. The emissions from the incinerator that serves emissions units P010 and R129 - R136 shall not exceed the limits stated below in the Additional Terms and Conditions A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07 and 3745-17-11.
	OAC rule 3745-21-07(G)(2)	The emission limits based on OAC rule 3745-21-07 are less stringent than the limits established pursuant to OAC rule 3745-31-05(A)(3).

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-21-07(G)(6)	The destruction efficiency based on OAC rule 3745-21-07 is less stringent than the destruction efficiency established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(1)	0.551 pounds per hour of particulate emissions.

2. Additional Terms and Conditions

2.a The incinerator OC control system shall not exceed the following:
Particulate emissions: 0.12 lb/hr, 0.020 lb/MMBtu, and 0.52 ton per year
CO emissions: 0.24 lb/hr, 0.040 lb / MMBtu, and 1.05 tons per year
NOx emissions: 0.72 lb/hr, 0.12 lb/MMBtu, and 3.15 tons per year

II. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. The average VOC concentration in the exhaust gases from the adsorber, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

3. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential of 0.007 inches of water, whenever the emissions unit is in operation.

4. The maximum monthly coating usage for this emissions unit shall not exceed 2,000 gallons.

The maximum monthly cleanup material usage for this emissions unit shall not exceed 12 gallons.

5. A dry filtration system for the spray booth shall be used while the emissions unit is in operation to control overspray.

II. Operational Restrictions (continued)

6. This emissions unit shall be totally enclosed such that all the OC emissions are captured for venting to the thermal incinerator. Compliance with the following criteria, as specified by USEPA Method 204, shall be met by the permittee:

a. any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator;

b. the total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling;

c. the average facial velocity (FV) of air through all the NDO's shall be at least 3,600 m/hr (200 fpm);

d. the differential pressure between the inside and outside of the enclosure shall not be less than 0.007 inch of water;

e. the direction of air flow through all NDO's shall be into the enclosure;

f. all access doors and windows whose areas are not included in section (b) and are not included in the calculations in section (c) shall be closed during routine operation of the process; and

g. all OC emissions from the coating line must be captured and contained for discharge to the thermal incinerator.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

2. The permittee shall operate and maintain a continuous organic monitoring device and recorder which measures and records the VOC concentrations in the exhaust gases from the adsorber when the emissions unit is in operation. The organic monitoring device and recorder shall be capable of satisfying the performance requirements specified in 40 CFR Part 60, Appendix B, Performance Specification 8 or Performance Specification 9. Prior to any compliance demonstration, the permittee shall demonstrate that the organic monitoring device and recorder satisfy the requirements of Performance Specification 8 or Performance Specification 9. The organic monitoring device and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. The average VOC concentration in the exhaust gases from the absorber during each of the 8 3-hour blocks of time during the day.

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

3. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record and maintain the following information on a daily basis:

a. The difference in pressure between the permanent total enclosure and the surrounding area(s).

b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information on a daily basis for each coating and cleanup material employed in this emissions unit:

a. The company identification for each coating and cleanup material employed.

b. The number of gallons of each coating and cleanup material employed.

c. The organic compound content of each coating and cleanup material as employed, in pounds per gallon.

d. The total uncontrolled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day.

e. The total controlled organic compound emission rate for all coatings and cleanup materials employed, in pounds per day, using the following equation:

E (lbs/day) = Uncontrolled OC emission rate, lbs/day x (1 - (CE / 100))

Where: CE = control efficiency of the thermal incinerator during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. The permittee shall collect and record on a monthly basis the total number of gallons of coatings and cleanup materials employed in this emissions unit, in gallons per month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator did not comply with the temperature limitation specified above.

2. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time during which the average VOC concentration of the exhaust gases from the adsorber exceeded the concentration limitation specified above.

3. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

4. The permittee shall submit deviation (excursion) reports that identify any exceedances of the monthly coating or cleanup material usage limitations, as well as the corrective actions that were taken to achieve compliance.

5. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the dry filtration system was not in service while the emissions unit was in operation.

6. The permittee shall submit deviation (excursion) reports that identify each day during which the organic compound emissions from the emissions unit exceeded 23.6 pounds per day and the actual organic compound emissions for each such day.

IV. Reporting Requirements (continued)

7. The permittee shall submit deviation (excursion) reports that identify each monthly record showing the use of any coating with an OC content greater than 3.95 pounds per gallon and/or any cleanup material with an OC content greater than 6.71 pounds per gallon.

V. Testing Requirements

1. Emission Limitations:
100% by weight OC capture efficiency
92% by weight OC control efficiency

Applicable Compliance Method:
U.S. EPA Reference Methods 1-4, 25 or 25A of 40 CFR Part 60, Appendix A and Methods 204 through 204F of 40 CFR Part 51, Appendix M.

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 the 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 for OC emissions, and the capture efficiency and control efficiency limitations for OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A of 40 CFR Part 60, Appendix A. The test method(s) which must be employed to demonstrate compliance with the capture efficiency and control efficiency limitations for OC emissions, are specified below. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and the associated spray booths and oven are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northeast District Office.

e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

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, Northeast 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, Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northeast 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, Northeast 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, Northeast District Office.

2. Emission Limitations:
23.6 pounds per day of OC emissions

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4 and the testing requirements specified above.

3. Emission Limitations:
0.12 pound per hour and 0.020 pound per million Btu of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

4. Emission Limitation:
0.551 pound per hour of particulate emissions (spray booth operations)

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable particulate emission limit shall be determined in accordance with the following method(s): Methods 1 - 5 of 40 CFR Part 60, Appendix A.

5. Emission Limitations:
0.24 pound per hour and 0.040 pound per million Btu of CO emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable CO emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 10 or 10A of 40 CFR Part 60, Appendix A.

6. Emission Limitations:
0.72 pound per hour and 0.12 pound per million Btu of NOx emissions

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable NOx emission limit shall be determined in accordance with the following method(s): Methods 1 - 4 and 7 or 7E of 40 CFR Part 60, Appendix A.

7. Emission Limitation:
20% opacity for visible particulate emissions from any stack

Applicable Compliance Method:
If required by the Ohio EPA, compliance with the allowable visible particulate emission limit shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1), using the methods and procedures specified in U.S. EPA reference method 9.

V. Testing Requirements (continued)

8. Emission Limitation:
3.95 pounds of OC per gallon of coating
6.71 pounds of OC per gallon of cleanup material

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements specified in Section A.III.4. Formulation data or U.S. EPA Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the OC contents of the coatings and cleanup materials.

9. Emissions Limitation:
0.52 ton per year of particulate emissions (fuel burning operations from the incinerator)

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.12 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

10. Emissions Limitation:
1.05 tons per year of CO emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.24 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

11. Emissions Limitation:
3.15 tons per year of NOx emissions

Applicable Compliance Method:
This limit is based on the allowable hourly emission limit (0.72 pound per hour) multiplied by the maximum possible operating hours (8,760 hours per year), and divided by 2,000 (pounds per ton). Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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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