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

05/15/02

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

03-02-02-0064
Metokote Corporation Plant 2 and 3
Jeremy P Scoles
1340 Neubrecht Road
Lima, OH 45801

Dear Jeremy P Scoles:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street
Room 300
Columbus, Ohio 43215

If you have any questions, please contact Northwest District Office.

Very truly yours,

Thomas G. Rigo

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

cc: Northwest District Office
File, DAPC PMU

OhioEPA

State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: **05/15/02**	Effective Date: **05/15/02**	Expiration Date: **05/15/07**

This document constitutes issuance of a Title V permit for Facility ID: 03-02-02-0064 to:
Metokote Corporation Plant 2 and 3
1340 Neubrecht Road
Lima, OH 45801

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

K020 (E-Coat Line #3-ECO-1 (Line #31))
Electrodeposition coating of miscellaneous metal parts

K021 (E-Coat Line #3-ECO-2 (Line #32))
Electrodeposition coating of miscellaneous metal parts

K022 (E-Coat Line #3-ECO-3 (Line #33))
Electrodeposition coating of miscellaneous metal parts

K023 (E-Coat Line #3-ECO-4 (Line #34))
Electrodeposition coating of miscellaneous metal parts

K028 (E-Coat Line #5-ECO-8 (Line #58))
Electrodeposition coating of miscellaneous metal parts

K034 (E-Coat Line #2-ECO-19 (Line #24))
Electrodeposition coating line for the coating of miscellaneous metal parts

K036 (Wet Spray/Powder Line (Bldg. 10, Line #8))
Wet Paint Line and Powder Coating Line with an electric cure oven for coating miscellaneous metal parts and plastic parts

K037 (E-Coat Line (PerformaKote))
Electrodeposition coating line for the coating of miscellaneous metal parts

K038 (Phenolic Wet Spray Line (Orange/Black) Bldg. #5)
Miscellaneous metal parts wet paint spray booth with dry filtration.

K039 (Dana Nylon Primer Bldg. #5)
Miscellaneous metal parts dip priming tank.

L002 (Portable Stripper (MEK) Bldg. #5)
Portable Stripping Box using MEK chemical to clean miscellaneous parts

P003 (Wheelabrator Blaster #3-BLA-12)
Blaster for the reworking of parts and racking fixtures

P006 (Rotary Blaster #5-BLA-11 (Spinner Blaster))
Blaster for the reworking of parts

R006 (Wet Spray Line (Line #7, Bldg. #10))
Wet spray coating line for the coating of plastic parts

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 3745-77-08(E) 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:

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

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

i. The date, place (as defined in the permit), and time of sampling or measurements.
ii. The date(s) analyses were performed.
iii. The company or entity that performed the analyses.
iv. The analytical techniques or methods used.
v. The results of such analyses.
vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. 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 record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
ii. 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 record keeping 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 (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements of 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.6 below if no deviations occurred during the quarter.

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

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

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset condition, of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (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 upset conditions.

Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

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

4. Title IV Provisions

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

5. Severability Clause

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

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.
(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.
(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.
(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

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

a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

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

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.
(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based

on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
ii. Compliance certifications shall include the following:
   (a) An identification of each term or condition of this permit that is the basis of the certification.
   (b) The permittee's current compliance status.
   (c) Whether compliance was continuous or intermittent.
   (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.

(e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

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

13. Permit Shield

a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

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

14. Operational Flexibility

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

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

15. Emergencies

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

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

16. Off-Permit Changes

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

a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition;

b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;

c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F);

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; 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 purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)
(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

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

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. Air Pollution Nuisance
The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.
(Authority for term: OAC rule 3745-77-07(A)(1))

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

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

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (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.)

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

3. Inspections and Information Requests
The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a

written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

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

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

6. **Additional Reporting Requirements When There Are No Deviations of <u>Federally Enforceable</u> 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 Enforcable Section

None

B. State Only Enforceable Section

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

B001 Steam boiler C3
B003 Boiler C4
B004 Steam boiler C10
B005 Steam boiler C2
K001 Powder line #248 C4
K002 Powder line #0023 C4
K006 Powder line #0030 C4
K007 Powder line #0031 C4
K008 Powder line #0040 C4
K009 Powder line #0041 C4
K010 Powder line #0042 C4
K011 Powder line #0043 C4
K014 Small parts line C2
K018 Powder line #249 C4
K024 E-Coat Line #5-ECO-6 (Line #56)
K032 Rim line C10
K033 Powder line 0121 C10
N004 Burn-off oven C2
P001 Powder screener C4
P007 Sludge dryer C3
P009 Wheelborator blaster C2
P010 Powder screener C2
P012 Empire blaster C5
P013 Cure oven C4
P014 Cure oven C2
P016 SMC line C10
P017 Stripper tank C5
R004 Powder coat sample booth C1
R005 Sample booth C4
Z001 Hand blaster C3
Z004 Powder coating line C10
Z007 Air make-up unit C4
Z008 Air make-up unit C5
Z009 Air make-up unit C10
Z010 Air make-up unit C2
Z011 Silicone coating C10
Z012 Cleaning line C3
Z013 Cleaning line C2
Z014 Resin tank
Z015 Resin tank C2
Z029 Zinc Plating Line
Z030 Nickle Plating Line
Z031 Wheelabrator Shot Blaster

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

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: E-Coat Line #3-ECO-1 (Line #31) (K020)

Activity Description: Electrodeposition coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #31	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-4384)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09 (U) (1) (c).

2. Additional Terms and Conditions

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each material added to the dip tank;

b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

   Emission Limitation:
   3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

   Applicable Compliance Method:
   Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

   daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

   where:

   i = 1, 2, 3, ...n

   n = the total number of the different types of materials added to the dip tank for that day

   Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

   VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

   USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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: E-Coat Line #3-ECO-2 (Line #32) (K021)

Activity Description: Electrodeposition coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #32	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-4384)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09 (U) (1) (c).

2. **Additional Terms and Conditions**

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each material added to the dip tank;

b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

   Emission Limitation:
   3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

   Applicable Compliance Method:
   Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

   daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

   where:

   i = 1, 2, 3, ...n

   n = the total number of the different types of materials added to the dip tank for that day

   Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

   VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

   USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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: E-Coat Line #3-ECO-3 (Line #33) (K022)

Activity Description: Electrodeposition coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #33	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-4384)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09 (U) (1) (c).

2. Additional Terms and Conditions

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each material added to the dip tank;

b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

   Emission Limitation:
   3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

   Applicable Compliance Method:
   Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

   daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

   where:

   i = 1, 2, 3, ...n

   n = the total number of the different types of materials added to the dip tank for that day

   Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

   VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

   USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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: E-Coat Line #3-ECO-4 (Line #34) (K023)

Activity Description: Electrodeposition coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #34	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-4384)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09 (U) (1) (c).

2. Additional Terms and Conditions

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each material added to the dip tank;

b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

   Emission Limitation:
   3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

   Applicable Compliance Method:
   Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

   daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

   where:

   i = 1, 2, 3, ...n

   n = the total number of the different types of materials added to the dip tank for that day

   Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

   VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

   USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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: E-Coat Line #5-ECO-8 (Line #58) (K028)

Activity Description: Electrodeposition coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #58	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-4384)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09 (U) (1) (c).

2. Additional Terms and Conditions

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each material added to the dip tank;

b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

   Emission Limitation:
   3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

   Applicable Compliance Method:
   Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

   daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

   where:

   i = 1, 2, 3, ...n

   n = the total number of the different types of materials added to the dip tank for that day

   Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

   VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

   USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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: E-Coat Line #2-ECO-19 (Line #24) (K034)

Activity Description: Electrodeposition coating line for the coating of miscellaneous metal 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
primer electrodeposition line; E-coat line #24	OAC rule 3745-21-09 (U) (1) (c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (See A.I.2.a.)
	OAC rule 3745-31-05 (PTI # 03-6801)	275 lbs VOC/month 1.65 tons VOC/yr The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

2. Additional Terms and Conditions

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.5 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.5 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each material added to the dip tank;

   b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

   c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

   d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

2. The permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each material added to the dip tank;

   b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

   c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

   d. the total VOC emissions for all the materials added to the dip tank (summation of b x c for all materials), in pounds.

IV. Reporting Requirements

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

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the monthly VOC emission limitation of 275 pounds. All quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that specify the annual actual VOC emissions. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

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

V. Testing Requirements (continued)

1.a Emission Limitation:
3.5 lbs of VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

Applicable Compliance Method:
Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

where:

i = 1, 2, 3, ...n

n = the total number of the different types of materials added to the dip tank for that day

Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

1.b Emission Limitation:
275 lbs VOC/month

Applicable Compliance Method:
Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III.2 of this permit.

1.c Emission Limitation:
1.65 tons VOC/yr

Applicable Compliance Method:
Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III.2 of this permit and shall be the summation of the monthly VOC emissions for the calendar year.

VI. Miscellaneous Requirements

1. This emissions unit is not in complaince with the VOC emission limitations established in PTI # 03-6801 pursuant to OAC rule 3745-31-05. Therefore, the permittee shall obtain an administrative PTI modification for this emissions unit within two months following the issuance of this permit to bring this emissions unit into complaince.

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: Wet Spray/Powder Line (Bldg. 10, Line #8) (K036)

Activity Description: Wet Paint Line and Powder Coating Line with an electric cure oven for coating miscellaneous metal parts and plastic 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
penline #8 (miscellaneous metal parts and plastic parts coating line), with exhaust filters	OAC rule 3745-21-09 (U)(2)(e)	for the coatings employed for the miscellaneous metal parts, the coating usage shall not exceed ten gallons per day
	OAC rule 3745-21-07 (G)	for the coatings employed for the non-metal parts, none (Refer to section A.II.2 of the terms and conditions of this permit.)
	OAC rule 3745-17-11(B)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07 (A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05 (PTI #03-10477)	60.5 lbs VOC/day, from coating usage 177.7 lbs VOC/month, from cleanup material usage 0.1 lb particulate emissions (PE)/hr and 0.44 ton PE/yr See A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(U)(2)(e) and 3745-21-07(G).

2. Additional Terms and Conditions

2.a There shall be no visible emissions from this emissions unit.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any coating or cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. On any day when coating metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the metal parts:

   a. the name and identification number of each coating employed;

   b. the volume, in gallons, of each coating employed; and

   c. the total volume, in gallons, of all of the coatings employed.

2. On any day when coating non-metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings and cleanup materials used for the non-metal parts:

   a. the name and identification number of each coating and cleanup material employed; and

   b. documentation on whether or not each coating and cleanup material employed is a photochemically reactive material.

3. 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.

4. The permittee shall calculate and record the following information each day for this emissions unit:

   a. the name and identification number of each coating employed;

   b. the VOC content of each coating employed, in pounds/gallon;

   c. the number of gallons of each coating employed;

   d. the total emissions of VOC for each coating employed, in pounds; and

   e. the total emissions of VOC for all the coatings employed (summation of d for all coatings), in pounds.

5. The permittee shall calculate and record the following information each month for this emissions unit:

   a. the name and identification number of each cleanup material employed;

   b. the VOC content of each cleanup material employed, in pounds/gallon;

   c. the number of gallons of each cleanup material employed;

   d. the total emissions of VOC for each cleanup material employed, in pounds; and

   e. the total emissions of VOC for all the cleanup materials employed (summation of d for all cleanup materials), in pounds.

IV. Reporting Requirements

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

2. The permittee shall notify the Director (the appropriate District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office) within 30 days after the event occurs.

3. For the coating of non-metal parts, the permittee shall submit quarterly deviation (excursion) reports that identify each day during which noncomplying coatings and/or cleanup materials (i.e., photochemically reactive materials) were employed in this emissions unit, as well as the corrective action(s) taken to achieve compliance.

4. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily and monthly VOC emission limitations of 60.5 pounds and 177.7 pounds, repectively.

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

V. Testing Requirements

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

1.a Emission Limitation:
coating usage not to exceed ten gallons per day

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

1.b Emission Limitation: 177.7 lbs VOC/month, from cleanup material usage

Applicable Compliance Method: The record keeping requirements in Section A.III of this permit shall be used to determine compliance with the above limit. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the cleanup materials.

1.c Emission Limitations: 0.1 lb PE/hr and 0.44 ton PE/yr

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation shall be used for the paint spraying operations:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

Compliance with the annual emission limitation shall be assumed as long as compliance with the hourly emission limitation is maintained (the annual emission limitation is based upon multiplying the hourly emission limitation by 8,760 and dividing by 2,000).

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

V. Testing Requirements (continued)

1.d Emission Limitation: 60.5 lbs VOC/day, from coating usage

Applicable Compliance Method: The record keeping requirements in Section A.III of this permit shall be used to determine compliance with the above limit. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

1.e Emission Limitation:
no visible emissions from this emissions unit

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance with the above emissions limit pursuant to Method 22 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
penline #8 (miscellaneous metal parts and plastic parts coating line), with exhaust filters	none	none

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit (K036) 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 for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Cyclohexanone
TLV (ug/m3): 100,000
Maximum Hourly Emission Rate (lbs/hr): 2.76
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 138.2
MAGLC (ug/m3): 2,380

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be 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 (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

   b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

   c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: E-Coat Line (PerformaKote) (K037)

Activity Description: Electrodeposition coating line for the coating of miscellaneous metal 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
electro-coating line consisting of 4 coating modules and 2 cure ovens.	OAC rule 3745-21-09 (U) (1) (i)	3.0 pounds of volatile organic compounds (VOC) per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents (see A.I.2.a)
	OAC rule 3745-31-05 (PTI # 03-11191)	3.73 lbs VOC/hr, 16.3 tons/yr VOC The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(i).

2. **Additional Terms and Conditions**

2.a The VOC content of the coatings employed in this emissions unit shall comply with the VOC content limitation of 3.0 lbs VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of materials added to the dip tank on a daily basis shall meet 3.0 pounds of VOC per gallon of coating [based upon a volume-weighted average], excluding water and exempt solvents.

2.b The 3.73 pounds/hour and 16.3 tons/year VOC emission limitations were established for PTI purposes to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each material added to the dip tank;

   b. the VOC content, excluding water and exempt solvents, in pounds per gallon, of each material added to the dip tank;

   c. the number of gallons of each material added to the dip tank, excluding water and exempt solvents; and

   d. the daily, volume-weighted average VOC content of the combination of materials added to the dip tank, excluding water and exempt solvents, i.e., the sum of (b) x (c) for all the individual materials, divided by the total number of gallons of all materials.

IV. Reporting Requirements

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

V. Testing Requirements

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

1.a Emission Limitation:
3.0 lbs of VOC/gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents

Applicable Compliance Method:
Compliance with this limitation shall be based upon the record keeping requirements specified in Section A.III of this permit. The daily, volume-weighted average of all the materials added to the dip tank shall be calculated using the following equation:

daily volume-weighted average = [summation of (Gi X VOCi)] / [summation of Gi] for i = 1 to n

where:

i = 1, 2, 3, ...n

n = the total number of the different types of materials added to the dip tank for that day

Gi = the number of gallons of material i (excluding water and exempt solvents) added to the dip tank for that day

VOCi = the VOC content of material i, in pounds/gallon of material, excluding water and exempt solvents

USEPA Method 24 shall be used to determine the VOC content of each material added to the electrocoating dip tank. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular material, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

V. Testing Requirements (continued)

1.b Emission Limitations: 3.73 lbs VOC/hour, 16.3 tons/year VOC

Applicable Compliance Method: Compliance with the hourly VOC emission limitation may be determined as follows:

i. multiply the maximum coating usage rate (gallons/hr) by the maximum VOC content of all coatings (lbs VOC/gallon of coating);

ii. multiply the maximum cleanup material usage rate (gallons/hr) by the maximum VOC content of all cleanup materials (lbs VOC/gallon of cleanup material); and

iii. add (1.b.i + 1.b.ii).

If required, compliance with the hourly VOC limitation shall be demonstrated in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

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

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: Phenolic Wet Spray Line (Orange/Black) Bldg. #5 (K038)

Activity Description: Miscellaneous metal parts wet paint spray booth with dry filtration.

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
phenolic wet spray line (miscellaneous metal parts paint spray booth), with exhaust filters	OAC rule 3745-21-09 (U)(2)(e)	not more than 10 gallons per day of coating usage
	OAC rule 3745-17-11(B)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07 (A)	Visible particulate emissions (PE) shall not exceed 20% opacity, as a six-minute average, except as otherwise provided by rule.
	OAC rule 3745-31-05 (PTI #03-13609)	61.6 lbs organic compound (OC)/day and 11.24 tons OC/yr, from coatings usage 503.25 lbs OC/month and 3.02 tons OC/yr, from cleanup materials usage 0.02 lb PE/hr and 0.09 ton PE/yr See A.II.1. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(U)(2)(e) and 3745-17-07(A).

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating employed;

   b. the volume, in gallons, of each coating employed;

   c. the total volume, in gallons, of all of the coatings employed.

   d. the OC content of each coating employed, in pounds/gallon, as applied;

   e. the OC emission rate for each coating employed (b x d), in pounds; and

   f. the total OC emissions rate for all the coatings employed (summation of e for all coatings), in pounds.

2. The permittee shall calculate and record the following information each month for this emissions unit:

   a. the name and identification number of each cleanup material employed;

   b. the OC content of each cleanup material employed, in pounds/gallon;

   c. the number of gallons of each cleanup material employed;

   d. the total emissions of OC for each cleanup material employed (b x c), in pounds; and

   e. the total emissions of OC for all the cleanup materials employed (summation of d for all cleanup materials), in pounds.

   The company may calculate organic compound emissions from cleanup operations in accordance with the following formula if waste cleanup materials are sent off-site for reclamation/disposal:

   Organic compound emissions from cleanup operations = (total gallons of cleanup material used x solvent density of cleanup material) - (total gallons cleanup material sent off-site for disposal or reclamation [minus solids content of said material]) x solvent density

3. The permittee shall calculate and record the following information each year for this emissions unit:

   a. the total OC emission rate for all the coatings employed, in tons (calculated by summing the daily OC emission rates (from section 1.f) for the calendar year, divided by 2000).

   b. the total OC emission rate for all the cleanup materials employed, in tons (calculated by summing the monthly OC emission rates (from section 2.e) for the calendar year, divided by 2000).

IV. Reporting Requirements

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

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily and monthly VOC emission limitations of 61.6 pounds and 503.25 pounds, repectively. All quarterly reports shall be submitted in accordance with Paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall notify the Director (the appropriate District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office) within 30 days after the event occurs.

4. The permittee shall submit annual reports that summarize the actual annual OC emissions (from coatings and from cleanup materials) for the previous calendar year. These reports shall be submitted by January 31 of each year

V. Testing Requirements

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

1.a Emission Limitation:
not more than 10 gallons per day of coating usage

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

1.b Emission Limitations: 61.6 lbs OC/day and 11.24 tons OC/yr, from coating usage

Applicable Compliance Method: The record keeping requirements in Sections A.III.1 and 3 of this permit shall be used to determine compliance with the limitations above. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

1.c Emission Limitations: 503.25 lbs OC/month and 3.02 tons OC/yr, from cleanup material usage

Applicable Compliance Method: The record keeping requirements in Sections A.III.2 and 3 of this permit shall be used to determine compliance with the limitations above. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the cleanup materials.

1.d Emission Limitations: 0.02 lb PE/hr and 0.09 ton PE/yr

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation shall be used for the paint spraying operations:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (Assumed to be 40%)

CE = control efficiency of the control equipment (assumed to be 90%)

Compliance with the annual emission limitation shall be assumed as long as compliance with the hourly emission limitation is maintained (the annual emission limitation is based upon multiplying the hourly emission limitation by 8,760 and dividing by 2,000).

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to 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
phenolic wet spray line (miscellaneous metal parts and plastic parts paint spray booth), with exhaust filters	none	none

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit (K038 & K039) 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 for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Methyl Ethyl Ketone
TLV (ug/m3): 590
Maximum Hourly Emission Rate (lbs/hr): 2.17 (includes cleanup)
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 2600.3
MAGLC (ug/m3): 14,048

Pollutant: Toluene
TLV (ug/m3): 188
Maximum Hourly Emission Rate (lbs/hr): 0.31
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 308.25
MAGLC (ug/m3): 14,048

Pollutant: Ethanol
TLV (ug/m3): 1880
Maximum Hourly Emission Rate (lbs/hr): 0.31
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 500.5
MAGLC (ug/m3): 44,762

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be 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 (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

   b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

   c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Dana Nylon Primer□□Bldg. #5 (K039)

Activity Description: Miscellaneous metal parts dip priming tank.

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
Dana nylon primer (miscellaneous metal parts dip priming tank)	OAC rule 3745-21-09 (U)(2)(e)(iii)	The gallon usage restriction specified by this rule is less stringent than the gallon usage restriction established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05 (PTI #03-13609)	33.57 lbs organic compound (OC)/day and 6.13 tons OC/yr, from coating operations not more than 5.04 gallons per day of coating usage

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each coating employed;

b. the volume, in gallons, of each coating employed;

c. the total volume, in gallons, of all of coatings employed.

d. the OC content of each coating employed, in pounds/gallon, as applied;

e. the OC emission rate for each coating employed (b x d);

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds; and

g. the year-to-date OC emissions from all the coatings employed (summation of the OC emissions for each calendar day from January thru December).

IV. Reporting Requirements

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

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the daily VOC emission limitation of 33.57 pounds. All quarterly reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

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

1.a Emission Limitation:
not more than 5.04 gallons per day of coating usage

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

1.b Emission Limitations: 33.57 lbs OC/day and 6.13 tons OC/yr, from coating usage

Applicable Compliance Method: The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the limitations above. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
dana nylon primer (miscellaneous metal parts dip priming tank)	none	none

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit (K038 & K039) 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 for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Methyl Ethyl Ketone
TLV (ug/m3): 590
Maximum Hourly Emission Rate (lbs/hr): 2.17 (includes cleanup)
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 2600.3
MAGLC (ug/m3): 14,048

Pollutant: Toluene
TLV (ug/m3): 188
Maximum Hourly Emission Rate (lbs/hr): 0.31
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 308.25
MAGLC (ug/m3): 14,048

Pollutant: Ethanol
TLV (ug/m3): 1880
Maximum Hourly Emission Rate (lbs/hr): 0.31
Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 500.5
MAGLC (ug/m3): 44,762

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be 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 (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

   b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

   c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Portable Stripper (MEK) Bldg. #5 (L002)

Activity Description: Portable Stripping Box using MEK chemical to clean miscellaneous 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
MEK portable stripper (miscellaneous metal parts solvent cold cleaner)	OAC rule 3745-21-09(O)(2)	See A.I.2.a through A.I.2.e.
	OAC rule 3745-31-05 (PTI #03-13542)	4.19 tons OC/yr The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(O)(2).

2. **Additional Terms and Conditions**

2.a The cold cleaner shall be operated with a cover, and if the solvent has a vapor pressure greater than 0.3 pound per square inch absolute, measured at 100 degrees Fahrenheit or, if the solvent is heated or agitated, the cover shall be designed and constructed so that it can be easily operated with one hand.

2.b The cold cleaner shall be equipped with a device for draining the cleaned parts; and if the solvent has a vapor pressure greater than 0.6 pound per square inch absolute, measured at 100 degrees Fahrenheit, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining, unless an internal type drainage device cannot fit into the cleaning system.

2.c The cold cleaner cover shall be closed at all times except when loading and unloading parts.

2.d The cold cleaner shall be operated and maintained in accordance with the following practices to minimize solvent evaporation from the unit:

i. Provide a permanent, legible, conspicuous label, summarizing the operating requirements.

ii. Store waste solvent in covered containers.

iii. Close the cover whenever parts are not being handled in the cleaner.

iv. Drain the cleaned parts until dripping ceases.

v. If used, supply a solvent spray that is a solid fluid stream (not a fine, atomized, or shower-type spray) at a pressure that does not exceed 10 pounds per square inch gauge.

vi. Clean only materials that are neither porous nor absorbent.

2. Additional Terms and Conditions (continued)

2.e The permittee shall maintain a freeboard ratio of greater than or equal to 0.7.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

   a. The company idenification for each solvent employed in the cold cleaner.

   b The vapor pressure of each solvent employed, in pound per square inch abloslute, measured at 100 degrees Fahrenheit.

   c. The OC content for each solvent employed, in pounds/gallon.

   d. The number of gallons of each solvent employed.

   e. The OC emission rate for all the solvents employed, in pounds [summation of (c x d) for all solvents].

   f. The year-to-date OC emissions from all the solvents employed (sum of e for each calendar month from January thru December).

   The company may calculate OC emissions from cleanup operations in accordance with the following formula if waste cleanup materials are sent off-site for reclamation/disposal:

   OC emissions from cleanup operations=(total gallons of cleanup material used x solvent density of cleanup material) - (total gallons cleanup material sent off-site for disposal or reclamation [minus solids content of said material]) x solvent density.

IV. Reporting Requirements

1. The permittee shall submit annual reports that summarize the actual annual OC emissions for this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

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

   Emission Limitation: 4.19 tons OC/yr

   Applicable Compliance Method: The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the above limit.

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
MEK portable stripper (miscellaneous metal parts solvent cold cleaner)	none	none

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit (L002) 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 for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Methyl Ethyl Ketone
TLV (ug/m3): 590
Maximum Hourly Emission Rate (lbs/hr): 8.387
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 2067
MAGLC (ug/m3): 14,048

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be 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 (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

   b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

   c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

   a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

   b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

   c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Wheelabrator Blaster #3-BLA-12 (P003)

Activity Description: Blaster for the reworking of parts and racking fixtures

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
Wheelabrator blaster #3-BLA-12, with baghouse	OAC rule 3745-17-07 (A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-11 (B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05 (PTI #03-3737)	0.54 lb PE/hr The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

2. Additional Terms and Conditions

2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;

   b. whether the emissions are representative of normal operations;

   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

   d. the total duration of any visible emission incident; and

   e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

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

V. Testing Requirements

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

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

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the visible PE limitation above pursuant to OAC rule 3745-17-03(B)(1).

1.b Emission limitation: 0.54 lb PE/hr

Applicable Compliance Method: The permittee may demonstrate compliance with the hourly PE limitation of 0.54 pound by multiplying the maximum process weight rate (3.5 tons/hour) by the emission factor from AP-42, Table 6.1-4 (revised 1/95) of 15.5 lbs PE/ton (uncontrolled), and then multiplying by a control factor of (1-.99) [the baghouse control efficiency is assumed to be 99%].

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to 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: Rotary Blaster #5-BLA-11 (Spinner Blaster) (P006)

Activity Description: Blaster for the reworking of 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
rotary blaster #5 - BLA - 11, with baghouse	OAC rule 3745-17-07 (A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-11 (B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05 (PTI #03-3737)	0.39 lb PE/hr The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

2. **Additional Terms and Conditions**

2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;

   b. whether the emissions are representative of normal operations;

   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

   d. the total duration of any visible emission incident; and

   e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

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

V. Testing Requirements

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

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

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the visible PE limitation above pursuant to OAC rule 3745-17-03(B)(1).

1.b Emission limitation: 0.39 lb PE/hr

Applicable Compliance Method: The permittee may demonstrate compliance with the hourly PE limitation of 0.39 pound by multiplying the maximum process weight rate (3.5 tons/hour) by the emission factor from AP-42, Table 6.1-4 (revised 1/95) of 15.5 lbs PE/ton (uncontrolled), and then multiplying by a control factor of (1-.99) [the baghouse control efficiency is assumed to be 99%].

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to 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: Wet Spray Line (Line #7, Bldg. #10) (R006)

Activity Description: Wet spray coating line for the coating of plastic 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
spray paint booth (plastic parts coating line)	OAC rule 3745-21-07 (G)(2)	8 lbs organic compounds (OC)/hr, 40 lbs OC/day
	OAC rule 3745-17-11(B)(2)	0.551 lb particulate emissions (PE)/hr
	OAC rule 3745-17-07 (A)	Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as otherwise provided by rule.
	OAC rule 3745-31-05 (PTI #03-9127)	172 lbs OC/month, from cleanup operations The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B), 3745-21-07(G)(2) and 3745-17-07(A).

2. **Additional Terms and Conditions**

None

II. Operational Restrictions

1. The permittee shall operate the filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

   a. the company identification for each coating and cleanup material employed;

   b. documentation on whether or not each coating and cleanup material employed is a photochemically reactive material;

   c. the number of gallons of each coating employed;

   d. the OC content of each coating employed, in pounds per gallon;

   e. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

   f. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation;

   g. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (e)/(f), 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. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

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

3. The permittee shall calculate and record the following information each month for this emissions unit:

   a. the name and identification of each cleanup material employed;

   b. the OC content of each cleanup material, in pounds/gallon;

   c. the number of gallons of each cleanup material employed;

   d. the total OC emissions from each cleanup material employed (b x c), in pounds; and

   e. the total OC emissions from all the cleanup materials employed [summation of d for all cleanup materials], in pounds.

   Note: The permittee may also calculate the monthly OC emission rate in accordance with the following formula if waste cleanup materials are sent off site for reclamation/disposal:

   monthly OC emissions from cleanup operations (pounds/month) = summation of [(Ai-Bi) X di] for i = 1 to n

   where:

   i = 1, 2, 3,...n

   n = the total number of different types of cleanup materials employed

   Ai = the number of gallons of cleanup material i consumed (gallons/month)

   Bi = the number of gallons of cleanup material i sent off site for disposal or reclamation, minus solids content of said material (gallons/month)

   di = density of cleanup material i, in pounds/gallon

IV. Reporting Requirements

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

   a. An identification of each day during which the average hourly OC emissions from the coatings exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day.

   b. An identification of each day during which the OC emissions from the coatings exceeded 40 pounds per day, and the actual OC emissions for each such day.

   c. An identification of each month during which the OC emissions from the cleanup materials exceeded 172 pounds, and the actual OC emissions for each such month.

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

2. The permittee shall notify the Director (the appropriate District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office) within 30 days after the event occurs.

3. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

V. Testing Requirements

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

1.a Emission Limitations: 8 lbs OC/hr, 40 lbs OC/day

Applicable Compliance Method: The record keeping requirements in Section A.III.1 of this permit shall be used to determine compliance with the limitations above. Formulation data or USEPA Method 24 shall be used to determine the OC content of the coatings and cleanup materials.

1.b Emission Limitation: 0.551 lb PE/hr

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation shall be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (60% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 90%)

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation: Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as otherwise provided by rule.

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the Visible PE limitation above pursuant to OAC rule 3745-17-03(B)(1).

V. Testing Requirements (continued)

1.d Emission Limitation: 172 lbs OC/month, from cleanup material usage

Applicable Compliance Method:
The record keeping requirements in Section A.III.3 of this permit shall be used to determine compliance with the limitation above . Formulation data or USEPA Method 24 shall be used to determine the OC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

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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