State of Ohio Environmental Protection Agency

STREET ADDRESS:
Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

7/23/2008

Certified Mail
Facility ID: 0306000112
Permit Number: P0086782
County: Auglaize

Brian Duffy
Crown Equipment Corp. Plants 3,4,5, & 7
40-44 South Washington Street
New Bremen, OH 45869

RE: PRELIMINARY PROPOSED AIR POLLUTION TITLE V PERMIT
Permit Type: Renewal

Dear Permit Holder:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 5/2/2008. The comment period for the Draft permit has ended. We are now ready to submit this permit to U.S. EPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written, you now have the opportunity to raise your concerns. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page http://www.epa.state.oh.us/dapc in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the permit or in narrative format. Any comments must be sent to the following within 14 days of your receipt of this letter:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
Columbus, Ohio 43215

and

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

If you believe that it is necessary to have an informal conference with us, then, as part of your written comments, you should request a conference concerning the written comments.

If comments are not submitted within 14 days of your receipt of this letter, we will forward the proposed permit to U.S. EPA for approval. All comments received will be carefully considered before proceeding with the proposed permit.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA DAPC, Northwest District Office

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

PRELIMINARY PROPOSED

Air Pollution Title V Permit

for

Crown Equipment Corp. Plants 3,4,5, & 7

Facility ID: 0306000112
Permit Number: P0086782
Permit Type: Renewal
Issued: 7/23/2008
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Title V Permit
for
Crown Equipment Corp. Plants 3,4,5, & 7

Table of Contents

Authorization 1
A. Standard Terms and Conditions 2
1. Federally Enforceable Standard Terms and Conditions 3
2. Monitoring and Related Record Keeping and Reporting Requirements 3
3. Scheduled Maintenance 6
4. Risk Management Plans 6
5. Title IV Provisions 6
6. Severability Clause 7
7. General Requirements 7
8. Fees 8
9. Marketable Permit Programs 8
10. Reasonably Anticipated Operating Scenarios 8
11. Reopening for Cause 8
12. Federal and State Enforceability 9
13. Compliance Requirements 9
14. Permit Shield 10
15. Operational Flexibility 10
16. Emergencies 11
17. Off-Permit Changes 11
18. Compliance Method Requirements 12
19. Insignificant Activities or Emissions Levels 12
20. Permit to Install Requirement 12
21. Air Pollution Nuisance 12
22. Permanent Shutdown of an Emissions Unit 12
23. Title VI Provisions 13
24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only 13
25. Records Retention Requirements Under State Law Only 13
26. Inspections and Information Requests 13
27. Scheduled Maintenance/Malfunction Reporting 14
28. Permit Transfers 14

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations 14

B. Facility-Wide Terms and Conditions 15

C. Emissions Unit Terms and Conditions 18

1. K003, Large Parts Paint Line (990230) (Plt. 4) 19
2. K007, Touch-Up Production Paint Booth (941006) (Plt. 4) 22
3. K009, Touch-Up Paint Booth (950801) (Plt. 4) 28
4. K010, Maintenance Paint Booth (Maint. Bldg.) 34
5. K011, RC Touch-Up Paint Booth (890725) (Plt. 4) 39
6. K012, KMI Paint Spray Booth (Plt. 5) 43
7. K014, KMI Paint Spray Booth (Large RR) (Plant 4) 48
8. K015, Touch-up Paint Booth (K015) (Plt. 4) 53
9. N002, Heat Cleaning Oven (Steelman 8910) (Plt. 4) 57
10. P001, Shot Blast 2682 (Flow Thru) (Plt. 4) 61
11. P002, Shot Blast 2484 (Double Door) (Plt. 4) 64
12. P010, Plant 5 Beam Line Shot Blaster 67
13. P011, Shot Blast 200207 (Powder Line) (Plt. 4) 70
14. P012, Belt Shot Blaster ES2019-2 (Flow-Thru)(Plt. 5) 73

Authorization

Facility ID: 0306000112
Facility Description: Manufacturer of forklifts, tow tractors and other material handling lifts.
Application Number(s): A0017617, A0017618, A0017619
Permit Number: P0086782
Permit Description: Renewal Title V Application
Permit Type: Renewal
Issue Date: 7/23/2008
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number:

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Crown Equipment Corp. Plants 3,4,5, & 7
424 West Monroe Street
New Bremen, OH 45869

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

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

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. 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. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Ohio EPA DAPC, Northwest District Office. 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, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
(Authority for term: ORC 3704.036(A))

2. 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 (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

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

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

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

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

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Ohio EPA DAPC, Northwest District Office.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall 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"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. 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))

6. 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))

7. 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 Standard Term and Condition A.11 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.

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminent sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.
(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. 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))

9. 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))

10. 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 standard terms and conditions shall apply to all operating scenarios authorized in this permit.
(Authority for term: OAC rule 3745-77-07(A)(10))

11. 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))

12. 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))

13. 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:

(1) 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.

(2) 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.

(3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

(4) 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:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) 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:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) 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.

(3) 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))

14. 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))

15. 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))

16. 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))

17. 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 emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

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

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

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

18. 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.)

19. Insignificant Activities or Emissions Levels

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

20. 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))

21. 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))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only

The permittee shall submit required reports in the following manner:

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

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, 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.)

25. Records Retention Requirements Under State Law Only

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.

26. 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.
(Authority for term: OAC rule 3745-77-07(C))

27. 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).

28. 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.
(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) 8.

2. The following insignificant emissions unit is subject to 40 CFR 63.340 et seq. (MACT Subpart N): P009 - Chromium Electroplating - Plant 5 (small parts) - with composite mesh pad emissions control system.

   The applicable requirements are summarized below:

   a) During tank operation, the permittee shall shall control chromium emissions discharged to the atmosphere by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 milligrams of total chromium per dry standard cubic meter (mg/dscm) of ventilation air (6.6 10^-6 grains per dry standard cubic foot (gr/dscf)) for all open surface hard chromium electroplating tanks.

      [40 CFR 63.342(c)(1)(i)]

   b) This emissions unit and its associated air pollution control system(s) shall be maintained regularly in accordance with the Operation and Maintenance Plan required under 40 CFR 63.342(f)(3) in order to minimize air contaminant emissions.

3. The permittee shall comply with the applicable operational restrictions required under 40 CFR 63 Subpart N, including the following sections:

   63.342(f) - operation and maintenance practices

   63.342(g) - control device maintenance (Table I, for composite mesh pad system as applicable)

   63.343(c)(1)(i) - pressure drop(s) for composite mesh pad system

4. The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR 63 Subpart N, including the following sections:

   63.343(c)(1)(ii) - control system pressure drop parametric monitoring

   63.343(c)(1)(iii) - provision to modify parametric monitoring

   63.346(b) - record keeping, in accordance with (b)(1) through (b)(11), and (b)(16)

   63.346(c) - records retention of 5 years

5. The permittee shall comply with the applicable reporting requirements required under 40 CFR 63 Subpart N, including the following sections:

   63.347(h)(1) - annual compliance status report

   63.347(h)(2) - semiannual exceedance reports as applicable

   63.347(h)(3) - provision to reduce reporting frequency

6. The permittee shall comply with all applicable requirements of the MACT General Provisions - Table 1 to Subpart N.

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

   a) B001 - N.G. Make Up Air Unit (Plt. 4)
   b) B201 - N.G. Make Up Air Unit (Plt. 3)
   c) B202 - N.G. Make Up Air Unit (Plt.3)
   d) P009 - Hard Chrome Plating System (Plt. 5) (PTI 03-10490)
   e) P104 - Circuit Board Conformal Coating (Plt. 7) (PTI 03-9156)
   f) P105 - Circuit Board Soldering (Plt. 7) (PTI 03-9156)
   g) P204 - Aqueous Cleaning Line (Plt. 3)
   h) P205 - Powder Coating Operations (Plt. 4) (PTI 03-13821)

   Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, and well as any emission limitations and/or control requirements contained within the identified permit to install for the emissions unit. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more of the applicable requirements contained in the federally-approved versions of OAC Chapters 3745-17, 3745-18, and/or 3745-21.

   (Authority for term: OAC rule 3745-77-07(A)(13))

8. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirement (as defined in OAC rule 3745-77-01(H)) or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

   a) Z003 - N.G. Make Up Air Unit (Plt. 4)
   b) Z004 - Welding Units (Plts.3,4,5)
   c) Z006 - Machining Centers (Plt. 3,5)

C. Emissions Unit Terms and Conditions

1. K003, Large Parts Paint Line (990230) (Plt. 4)

Operations, Property and/or Equipment Description:

Large Parts Paint Line - metal parts - conveyorized - spray application (with water curtain)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3475-21-09 (U)(1)(i)	3.0 lbs volatile organic compounds (VOC) /gallon of coating, excluding water and exempt solvents
b.	OAC rule 3745-17-11(B)	None [See b)(2)a and b)(2)c]
c.	OAC rule 3745-17-07(A)	None [See b)(2)a and b)(2)c]
d.	OAC rule 3745-17-11(C)	See b)(2)b and c)(1)

(2) Additional Terms and Conditions

a. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

b. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

c. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [the VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B) (8) of OAC rule 3745-21-10 for CVOC,2].

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new emissions unit and subject to specific "gallons/year" and "tons/year" limitations, or just a "tons/year" limitation in a Permit-to-install. In such cases, for each such new emissions unit only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(f), and OAC 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.0 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC 3745-31-05(A)(3)]

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following method(s):

Emission Limitation:
3.0 lbs VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the recordkeeping requirements specified in d)(1). Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

2. K007, Touch-Up Production Paint Booth (941006) (Plt. 4)

Operations, Property and/or Equipment Description:

Touch-up Paint Booth (in Paint Line area) metal parts - manual operation - spray application (with water curtain)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) g)(1).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-16031 issued February 10, 2004)	35.0 lbs organic compounds (OC) /hr for coating operations 205 lbs OC /month for cleanup operations 1.07 lb particulate emissions (PE) /hr, 4.69 ton PE/yr Visible PE shall not exceed 0% opacity, as a six-minute average See b)(2)a.
b.	OAC rule 3745-31-05(D)	53.7 tons OC per rolling, 12-month period [see also b)(2)c]
c.	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs volatile organic compounds (VOC) /gallon of coating, excluding water and exempt solvents, for extreme performance coatings
d.	OAC rule 3745-17-11(B)(2)	See b)(2)b and b)(2)e
e.	OAC rule 3745-17-07(A)	See b)(2)b and b)(2)e
f.	OAC rule 3745-17-11(C)	See b)(2)d and c)(3)

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c) and OAC rule 3745-31-05(D).

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).

c. The permittee has requested a federally enforceable limitation for this emissions unit of 53.7 tons of OC [see c)(1) and c)(2)]. Federally enforceable OC limitations are being established for the purpose limiting potential emissions. Federally enforceable OC limitations effectively restrict the potential to emit for volatile organic compounds (VOC).

d. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and c)(3) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

e. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

f. The hourly OC emission limitation for coatings represents the potential to emit for this emissions unit. Therefore, no monitoring, recordkeeping, or reporting requirements are necessary to ensure compliance with this emission limitation.

c) Operational Restrictions

(1) The OC content of coatings used in this emissions unit shall not exceed 3.5 lbs /gallon. The maximum annual coating usage for this emissions unit shall not exceed 30,000 gallons. The annual coating usage limitation shall be based upon a rolling, 12-month summation of the monthly coating usage rate.
[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(2) The OC content of cleanup solvent used in this emissions unit shall not exceed 6.84 lbs /gallon. The maximum annual solvent material usage for this emissions unit shall not exceed 360 gallons. The annual solvent usage limitation shall be based upon a rolling, 12-month summation of the monthly solvent usage rate.
[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(3) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (3)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following each month for coating and cleanup solvent usage in this emissions unit:

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

b. the VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [The VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B)(8) of OAC rule 3745-21-10 for CVOC,2.];

c. the OC content of each coating, as applied, and solvent material, in lbs/gallon;

d. the number of gallons of each coating and solvent material employed;

e. the OC emission rate for each coating and solvent material [(1)c x (1)d], in lbs per month;

f. the total OC emission rate for all coating and solvent materials [summation of (1)e] converted to tons per month, and

g. the annual emissions of OC for coating and solvent materials, based on a rolling, 12-month summation.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall maintain monthly records of the rolling 12-month summations of the coating and solvent usage rates.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

a. any exceedances of the maximum allowable gallon usage rates specified in c)(1) and c)(2);

b. any exceedances of the 3.5 lbs OC /gallon of coating;

c. any exceedances of the 53.7 tons OC per rolling, 12-month period;

d. any exceedances of the 6.84 lbs OC /gallon of cleanup solvent; and

e. any exceedances of the 205 lbs OC /month for cleanup /makeup solvent.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.5 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

(1) Compliance with the emission limitations in Section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:
35.0 lbs OC /hr for coating operations

Applicable Compliance Method:
The hourly allowable OC emission limitation above represents the potential to emit for this emission unit and was established by multiplying the maximum

hourly coatings usage rate (10.0 gallons per hour) by the maximum allowable OC content of the coating (3.5 pounds per gallon).

b. Emission Limitation:
3.5 lbs OC /gallon of coating; 205 lbs OC /month for cleanup operations; 6.84 lbs OC /gallon of cleanup solvent

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in d)(1).

c. Emission Limitation:
53.7 tons OC per rolling, 12-month period

Applicable Compliance Method: Compliance shall be based on the record keeping requirements as specified in d)(1).

d. Emission Limitation:
3.5 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements as specified in d)(1)b.

e. Emission Limitations:
1.07 lb PE/hour; 4.69 ton/yr

Applicable Compliance Method:
The permittee may calculate actual PE rate from the unit utilizing the following equation:

E = (maximum coating solids usage rate) x (1-TE) x (1-CE)

where:

E = PE rate (pounds/hour).

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.

CE = Control efficiency of the control equipment (water curtain).

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

f. Emission Limitation:
Visible PE shall not exceed 0% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

(2) Formulation data or US EPA Method 24 shall be used to determine the OC/VOC content of the coatings.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

3. K009, Touch-Up Paint Booth (950801) (Plt. 4)

Operations, Property and/or Equipment Description:

Touch-up Paint Booth (Plant 4) - metal parts - manual operation - spray application (with water curtain)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) g)(1).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-16031 issued February 10, 2004)	7.0 lbs organic compounds (OC) /hr for coating operations 205 lbs OC /month for cleanup operations 0.21 lb particulate emissions (PE) /hr, 0.94 ton PE/yr Visible PE shall not exceed 0% opacity, as a six-minute average See b)(2)a.
b.	OAC rule 3745-31-05(D)	17.0 tons OC per rolling, 12-month period [see also b)(2)c]
c.	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs volatile organic compounds (VOC) /gallon of coating, excluding water and exempt solvents, for extreme performance coatings
d.	OAC rule 3745-17-11(B)(2)	See b)(2)b and b)(2)e
e.	OAC rule 3745-17-07(A)	See b)(2)b and b)(2)e
f.	OAC rule 3745-17-11(C)	See b)(2)d and c)(3)

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c) and OAC rule 3745-31-05(D).

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).

c. The permittee has requested a federally enforceable limitation for this emissions unit of 17.0 tons of OC [see c)(1) and c)(2)]. Federally enforceable OC limitations are being established for the purpose limiting potential emissions. Federally enforceable OC limitations effectively restrict the potential to emit for volatile organic compounds (VOC).

d. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and c)(3) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

e. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

f. The hourly OC emission limitation for coatings represents the potential to emit for this emissions unit. Therefore, no monitoring, recordkeeping, or reporting requirements are necessary to ensure compliance with this emission limitation.

c) Operational Restrictions

(1) The OC content of coatings used in this emissions unit shall not exceed 3.5 lbs /gallon. The maximum annual coating usage for this emissions unit shall not exceed 9000 gallons. The annual coating usage limitation shall be based upon a rolling, 12-month summation of the monthly coating usage rate.
[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(2) The OC content of cleanup solvent used in this emissions unit shall not exceed 6.84 lbs /gallon. The maximum annual solvent material usage for this emissions unit shall not exceed 360 gallons. The annual solvent usage limitation shall be based upon a rolling, 12-month summation of the monthly solvent usage rate.
[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(3) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (3)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following each month for coating and cleanup solvent usage in this emissions unit:

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

b. the VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [The VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B)(8) of OAC rule 3745-21-10 for CVOC,2.];

c. the OC content of each coating, as applied, and solvent material, in lbs/gallon;

d. the number of gallons of each coating and solvent material employed;

e. the OC emission rate for each coating and solvent material [(1)c x (1)d] in lbs per month;

f. the total OC emission rate for all coating and solvent materials [summation of (1)e] converted to tons per month, and

g. the annual emissions of OC for coating and solvent materials, based on a rolling, 12-month summation.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall maintain monthly records of the rolling 12-month summations of the coating and solvent usage rates.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

a. any exceedances of the maximum allowable gallon usage rates specified in c)(1) and c)(2);

b. any exceedances of the 3.5 lbs OC /gallon of coating;

c. any exceedances of the 17.0 tons OC per rolling, 12-month period;

d. any exceedances of the 6.84 lbs OC /gallon of cleanup solvent; and

e. any exceedances of the 205 lbs OC /month for cleanup /makeup solvent.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.5 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

(1) Compliance with the emission limitations in Section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:
7.0 lbs OC /hr for coating operations

Applicable Compliance Method:
The hourly allowable OC emission limitation above represents the potential to emit for this emission unit and was established by multiplying the maximum

hourly coatings usage rate (2.0 gallons per hour) by the maximum allowable OC content of the coating (3.5 pounds per gallon).

b. Emission Limitation:
3.5 lbs OC /gallon of coating
205 lbs OC /month for cleanup operations
6.84 lbs OC /gallon of cleanup solvent

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in d)(1).

c. Emission Limitation:
17.0 tons OC per rolling, 12-month period

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in d)(1).

d. Emission Limitation:
3.5 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements as specified in d)(1)b.

e. Emission Limitations:
0.21 lb PE/hour; 0.94 ton/yr

Applicable Compliance Method:
The permittee may calculate actual PE rate from the unit utilizing the following equation:

E = (maximum coating solids usage rate) x (1-TE) x (1-CE)

where:

E = PE rate (pounds/hour).

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.

CE = Control efficiency of the control equipment (water curtain).

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

f. Emission Limitation:

Visible PE shall not exceed 0% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

(2) Formulation data or US EPA Method 24 shall be used to determine the OC/VOC content of the coatings.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

4. K010, Maintenance Paint Booth (Maint. Bldg.)

Operations, Property and/or Equipment Description:

Maintenance Paint Booth - metal parts (with dry filtration)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3475-21-09 (U)(1)(i)	3.0 lbs volatile organic compounds (VOC) /gallon of coating, excluding water and exempt solvents
b.	OAC rule 3745-17-11(B)	None [See b)(2)c and b)(2)e]
c.	OAC rule 3745-17-07(A)	None [See b)(2)c and b)(2)e]
d.	OAC rule 3745-17-11(C)	See b)(2)d and c)(1)

(2) Additional Terms and Conditions

a. The permittee shall not employ more than ten gallons of coating material per day for the coating of miscellaneous metal parts in this emissions unit.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(e)(iii) and OAC rule 3745-31-05(A)(3).

c. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

d. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and Section c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the

U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

e. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping 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 coatings employed;

d. The OC content of each coating employed, in lbs/gallon, as applied;

e. The OC emissions rate for each coating employed [(1)b x (1)d, for each coating employed]; and

f. The total OC emissions rate for all coatings, in lbs/day [summation of (1)e for all coatings].

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

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

a. The company identification of each cleanup material employed;

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

c. The OC contents, in pounds per gallon, for each cleanup material employed;

d. The OC emission rate for each cleanup material employed, in lbs/month [(2)b x (2)c];

e. The total OC emissions for all the cleanup materials employed, in pounds [summation of (2)d for all cleanup materials]; and

f. The annual year-to-date OC emissions, in tons, from all the cleanup materials employed [summation of (2)e for each calendar month to date from January to 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.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

a. any exceedances of the 37.9 lbs OC /day for coatings; and

b. any exceedances of the 335 lbs OC /month for cleanup solvent;

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 45 days after the exceedance occurs.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(3) The permittee shall submit annual reports that summarize the total annual actual OC emissions from clean-up operations. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
37.9 lbs of OC /day, 6.92 tons of OC /year (from the coating operations)

Applicable Compliance Method:
Compliance with the daily emissions limitation shall be based on the recordkeeping requirements as specified in d)(1).

The annual allowable OC limitation was developed by multiplying the daily limitation by 365, and then dividing by 2000. Therefore, if compliance is shown with the daily limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
335 of OC /month, 0.60 tons of OC /year (from the cleanup operations)

Applicable Compliance Method:
Compliance with the monthly and annual emissions limitations shall be based on the record keeping requirements as specified in d)(2).

c. Emission Limitation:
Coating usage shall not exceed 10 gallons per day

Applicable Compliance Method:
Compliance with the coating usage restriction shall be based upon the recordkeeping requirements as specified in d)(1)c.

d. Emission Limitations:
0.20 lb PE/hour; 0.88 ton/yr

Applicable Compliance Method:
The permittee may calculate actual PE rate from the unit utilizing the following equation:

E = (maximum coating solids usage rate) x (1-TE) x (1-CE)

where:

E = PE rate (pounds/hour).

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.

CE = Control efficiency of the control equipment (water curtain).

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

e. Emission Limitation:
Visible PE shall not exceed 0% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance shall be determined through visible emissions observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

(2) Formulation data or US EPA Method 24 shall be used to determine the OC content of the coatings.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

5. K011, RC Touch-Up Paint Booth (890725) (Plt. 4)

Operations, Property and/or Equipment Description:

Touch-up Paint Booth (near west wall) metal parts - manual - spray application (with dry filtration system)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-7379 as modified on April 1, 2008)	2.0 lbs organic compounds (OC) /hr, 8.76 tons OC /year See b)(2)a
b.	OAC rule 3475-21-09 (U)(1)(i)	3.0 lbs volatile organic compounds (VOC) /gallon of coating, excluding water and exempt solvents
c.	OAC rule 3745-17-11(B)	None [See b)(2)b and b)(2)d]
d.	OAC rule 3745-17-07(A)	None [See b)(2)b and b)(2)d]
e.	OAC rule 3745-17-11(C)	See b)(2)c and c)(1)

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and Section c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

d. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

e. The hourly OC emission limitation represents the potential to emit for this emissions unit. Therefore, no monitoring, recordkeeping, or reporting requirements are necessary to ensure compliance with this emission limitation.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

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

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

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

c. The VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [The VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B)(8) of OAC rule 3745-21-10 for CVOC,2.];

d. The OC content of each coating employed (including water and exempt solvents) in lbs/gallon, as applied;

e. The OC emissions rate for each coating employed [(1)b x (1)d, for each coating employed];

f. The total OC emissions rate for all coatings, in lbs/month [summation of (1)e for all coatings]; and

g. The annual year-to-date OC emissions, in tons, from all the coatings employed [summation of (1)f for each calendar month to date from January to December).

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

a. any exceedances of the 8.76 tons OC /year for coating operations; and

b. any exceedances of the 205 lbs OC /month for cleanup operations.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.0 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
2.0 lbs OC /hr; 8.76 tons OC /year

Applicable Compliance Method:
The hourly allowable OC emission limitation above represents the potential to emit for this emission unit and was established by multiplying the maximum hourly coatings usage rate (1.5 gallons per hour) by the maximum allowable OC content of the coating (1.32 pounds per gallon).

The annual allowable OC limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
3.0 lbs VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the recordkeeping requirements specified in d)(1).

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

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

6. K012, KMI Paint Spray Booth (Plt. 5)

Operations, Property and/or Equipment Description:

Spray Paint Booth (KMI - Plant 5) manual operation - spray application (with dry filtration)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) g)(1)

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-14037 issued October 21, 2003)	7.0 lbs volatile organic compounds (VOC) /hr, 30.7 tons VOC /year - for coating operations 205 lbs VOC /month, 1.23 tons /year - for cleanup operations See b)(2)a
b.	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs VOC /gallon of coating, excluding water and exempt solvents, for extreme performance coatings
c.	OAC rule 3745-17-11(B)	None [See b)(2)b and b)(2)d]
d.	OAC rule 3745-17-07(A)	None [See b)(2)b and b)(2)d]
e.	OAC rule 3745-17-11(C)	See b)(2)c and c)(1)

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c) and OAC rule 3745-31-05(A)(3).

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and Section c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

d. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

e. The hourly VOC emission limitation for coatings represents the potential to emit for this emissions unit. Therefore, no monitoring, recordkeeping, or reporting requirements are necessary to ensure compliance with this emission limitation.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

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

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

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

c. The VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [The VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B)(8) of OAC rule 3745-21-10 for CVOC,2.];

d. The VOC content of each coating employed (including water and exempt solvents) in lbs/gallon, as applied;

e. The VOC emissions rate for each coating employed [(1)b x (1)d, for each coating employed];

f. The total VOC emissions rate for all coatings, in lbs/month [summation of (1)e for all coatings]; and

g. The annual year-to-date VOC emissions, in tons, from all the coatings employed [summation of (1)f for each calendar month to date from January to December].

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

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

a. The company identification of each cleanup material employed;

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

c. The OC contents, in pounds per gallon, for each cleanup material employed;

d. The OC emission rate for each cleanup material employed, in lbs/month [(2)b x (2)c, for each cleanup material employed]; and

e. The total OC emissions for all the cleanup materials employed, in pounds [summation of (2)d for all cleanup materials].

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.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the 205 lbs OC /month for cleanup operations.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.5 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
7.0 lbs VOC /hr - for coating operations

Applicable Compliance Method:
The hourly allowable VOC emission limitation above represents the potential to emit for this emission unit and was established by multiplying the maximum hourly coatings usage rate (2.0 gallons per hour) by the maximum allowable VOC content of the coating (3.5 pounds per gallon).

b. Emission Limitation:
30.7 tons VOC /year - for coating operations

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in d)(1).

c. Emission Limitation:
205 lbs VOC /month, 1.23 tons VOC /year - for cleanup operations

Applicable Compliance Method:

Compliance with the monthly limitation shall be based on the record keeping requirements as specified in d)(2).

The annual allowable VOC limitation was developed by multiplying the monthly limitation by 12, and then dividing by 2000. Therefore, if compliance is shown with the monthly limitation, compliance is shown with the annual limitation.

d. Emission Limitation:
3.5 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements as specified in d)(1)c.

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

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

7. K014, KMI Paint Spray Booth (Large RR) (Plant 4)

Operations, Property and/or Equipment Description:

Paint Spray Booth (RR) - manual operation - spray application (with dry filtration)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) g)(1)

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-16307 issued July 14, 2005)	2.45 lbs volatile organic compounds (VOC) /hr, 10.7 tons VOC /year - for coating operations 103 lbs VOC /month, 0.62 tons /year - for cleanup operations See b)(2)a
b.	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs VOC /gallon of coating, excluding water and exempt solvents, for extreme performance coatings
c.	OAC rule 3745-17-11(B)	None [See b)(2)b and b)(2)d]
d.	OAC rule 3745-17-07(A)	None [See b)(2)b and b)(2)d]
e.	OAC rule 3745-17-11(C)	See b)(2)c and c)(1)

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c) and OAC rule 3745-31-05(A)(3).

b. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

c. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and Section c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

d. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

e. The hourly OC emission limitation for coatings represents the potential to emit for this emissions unit. Therefore, no monitoring, recordkeeping, or reporting requirements are necessary to ensure compliance with this emission limitation.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

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

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

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

c. The VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [The VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B)(8) of OAC rule 3745-21-10 for CVOC,2.];

d. The VOC content of each coating employed (including water and exempt solvents) in lbs/gallon, as applied;

e. The VOC emissions rate for each coating employed [(1)b x (1)d, for each coating employed];

f. The total VOC emissions rate for all coatings, in lbs/day [summation of (1)e for all coatings];

g. The annual year-to-date VOC emissions, in tons, from all the coatings employed [summation of (1)f for each calendar month to date from January to December].

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

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

a. The company identification of each cleanup material employed;

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

c. The OC contents, in pounds per gallon, for each cleanup material employed;

d. The OC emission rate for each cleanup material employed, in lbs/month [(2)b x (2)c, for each cleanup material];

e. The total OC emissions for all the cleanup materials employed, in pounds [summation of (2)d for all cleanup materials]; and

f. The annual year-to-date OC emissions, in tons, from all the cleanup materials employed [summation of (2)e for each calendar month to date from January to 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.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the 205 lbs OC /month for cleanup operations.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of non-complying coatings (i.e., coatings that exceed the 3.5 lbs of VOC/gallon of coating, as applied) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
2.45 lbs VOC /hr - for coating operations

Applicable Compliance Method:
The hourly allowable VOC emission limitation above represents the potential to emit for this emission unit and was established by multiplying the maximum hourly coatings usage rate (0.7 gallons per hour) by the maximum allowable VOC content of the coating (3.5 pounds per gallon).

b. Emission Limitation:
10.7 tons VOC /year - for coating operations

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements as specified in d)(1).

c. Emission Limitation:
205 lbs VOC /month, 1.23 tons VOC /year - for cleanup operations

Applicable Compliance Method:
Compliance with the monthly limitation shall be based on the record keeping requirements as specified in d)(2).

The annual allowable VOC limitation was developed by multiplying the monthly limitation by 12, and then dividing by 2000. Therefore, if compliance is shown with the monthly limitation, compliance is shown with the annual limitation.

d. Emission Limitation:
3.5 lbs VOC/gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements as specified in d)(1)c.

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

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

8. K015, Touch-up Paint Booth (K015) (Plt. 4)

Operations, Property and/or Equipment Description:

Spray Coating Line - Metal Parts (Stock Picker Line)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-21-09(U)(1)(d)	3.5 lbs VOC per gallon coating, excluding water and exempt solvents
b.	OAC rule 3745-31-05(A)(3)(b) (PTI 03-17208 issued March 13, 2007)	See b)(2)a and b)(2)b
c.	OAC rule 3745-17-11(B)	None [See b)(2)c and b)(2)e]
d.	OAC rule 3745-17-07(A)	None [See b)(2)c and b)(2)e]
e.	OAC rule 3745-17-11(C)	See b)(2)d and c)(1)

(2) Additional Terms and Conditions

a. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the volatile organic compound (VOC) emissions from this air contaminant source (coating and clean-up operations) since the uncontrolled potential to emit for VOC emissions is less than ten tons per year.

Coating operations: The potential to emit for this emissions unit is 5.04 ton of organic compounds (OC) per year based on multiplying the maximum OC content of 1.38 lbs per gallon (as applied) by the maximum usage rate of 20 gallons per day, and a maximum operating schedule of 365 days per year, and divided by 2000 lbs.

Clean-up operations: The potential to emit for this emissions unit is 1.04 ton of organic compounds (OC) per year based on multiplying the maximum OC content of 6.91 lbs per gallon by the maximum usage rate of 25 gallons per month, and a maximum operating schedule of 12 months per year, and divided by 2000 lbs.

b. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this air contaminant source since the uncontrolled potential to emit for PE is less than 10 tons per year.

c. The uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 lbs / hr. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(ii), Figure II of OAC rule 3745-17-11 does not apply. Also, Table 1 does not apply because the facility is located in Auglaize County.

This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

d. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C) pertaining to requirements for controlling of particulate emissions from surface coating processes. Paragraph (C) of OAC rule 3745-17-11, and Section c)(1) of this permit for this emissions unit, shall be federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

e. The requirements to comply with this rule shall terminate on the date the U.S. EPA approves the requirements based on OAC rule 3745-17-11(C) as a revision to the Ohio SIP for particulate emissions.

c) Operational Restrictions

(1) The spray coating operation for this emissions unit shall be controlled by a dry particulate filter, waterwash, or equivalent control device or devices. The permittee shall follow all of these work practices:

a. The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the control devices with any modifications deemed necessary by the permittee during the time period in which the control devices are utilized.

b. The permittee shall operate the control devices in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee.

c. The permittee shall conduct periodic inspections of the control devices to determine whether the devices are operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee. The periodic inspections of each control device shall be performed at a frequency that is based upon the recommendation of the manufacturer of the control device, and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency. In addition to these periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the control device while the emissions unit is shut down and perform any needed maintenance and

repair for the control device to ensure that it is able to routinely operate in accordance with the manufacturer's recommendations.

d. The permittee shall document each inspection of a control device by maintaining a record that includes the date of the inspection, a description of each problem identified and the date it was corrected, a description of the maintenance and repairs performed, and the name of the person who performed the inspection.

e. In the event that the control devices are not operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee, the control devices shall be expeditiously repaired or otherwise returned to operation in accordance with such requirements. The permittee shall maintain documentation of those periods when the control devices are not operating in accordance with such requirements.

Any documentation required under (1)a shall be maintained for not less than five years, and shall be made available to Ohio EPA upon request.
[OAC 3745-77-07(C)(1) and OAC 3747-17-11(C)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the line:

a. The name and identification number of each coating, as applied.

b. The VOC content of each coating (excluding water and exempt solvents), as applied.

(This information does not have to be kept on a line-by-line basis, unless one or more of the lines is a new emissions unit and subject to specific "gallons/year" and "tons/year" limitations, or just a "tons/year" limitation in a Permit-to-install. In such cases, for each such new emissions unit only, the above-mentioned information must be maintained separately for that line. Also, if the permittee mixes complying coatings at a line, it is not necessary to record the VOC content of the resulting mixture.)
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(f), and OAC 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of non-complying coatings or thinners. 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.
[OAC 3745-77-07(C)(1), OAC 3745-21-09(B)(3)(g), and OAC 3745-31-05(A)(3)]

f) Testing Requirements

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

Emission Limitation:
3.0 lbs VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:
Compliance shall be based upon the recordkeeping requirements specified in d)(1). Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings.

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

9. N002, Heat Cleaning Oven (Steelman 8910) (Plt. 4)

Operations, Property and/or Equipment Description:

125 lbs/hr natural gas-fired pyrolysis cleaning furnace.

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-13974 as modified on May 20, 2003)	0.17 lb PE /hr; 0.74 ton PE /year visible emissions restrictions [see b)(2)a] control requirements [see b)(2)b] See b)(2)c
b.	OAC rule 3745-17-09(B)	0.20 lb PE/100 lbs of material charged
c.	OAC rule 3745-17-07(A)	See b)(2)d
d.	OAC rule 3745-21-08(B)	See b)(2)e

(2) Additional Terms and Conditions

a. Visible particulate emissions from this emissions unit shall not exceed 5% opacity, except for 6 minutes in any continuous 60-minute period, during which opacity shall not exceed 10%.

b. Best Available Technology (BAT) control requirements for this emissions unit has been determined to be the use of natural gas and afterburner. BAT requirements also include compliance with the terms and conditions of this permit.

c. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-09(B).

d. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

e. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

c) Operational Restrictions

(1) The emissions unit shall be installed, operated and maintained in accordance with the manufacturer's specifications. The permittee shall not change any of the manufacturer's factory preset parameters for the furnace, or physically modify the furnace in any way, without first verifying with the manufacturer that the change(s) would not adversely affect air contaminant emissions from the unit.
[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(2) The air contaminant control device for this emissions unit shall be designed and operated in accordance with the following requirements:

a. The secondary combustion chamber shall be operated so that the exit gas temperature from the chamber is, at a minimum, 1500 degrees Fahrenheit, taking into account normal start-up procedures.

b. The secondary chamber shall allow for a minimum retention time of 0.5 seconds at 1500 degrees Fahrenheit, taking into account normal start-up procedures.

[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

(3) The permittee shall adhere to the manufacturer's recommendations pertaining to the operation of this furnace and shall comply with the following operational restrictions:

a. The permittee shall ensure that the furnace is operated only by properly trained personnel who have read, and understand, the furnace's operation manual;

b. The permittee shall remove ash residue left inside the furnace in accordance with good housekeeping practices associated with operation of the burn-off oven;

c. The permittee shall not operate the furnace if the built-in safeguards and interlocks (furnace excess temperature, afterburner excess temperature, low gas pressure switch, high gas pressure switch, and low water pressure switch) are not operating properly; and

d. The permittee shall not process organic coatings or plastics which contain halogens (such as chlorine, fluorine, sulfur, or bromine), plastics, polymers, or other organic materials which emit significant amounts of volatile, flammable vapors at room temperature or at temperatures up to about 500 degrees

Fahrenheit, parts which may contain large amounts of volatile solvents, and nonconventional hydrocarbon coatings (polymer coatings, and oil/grease coatings). Wet paint, paint sludge, waste powder from powder coating operations, paint filters, nitrocellulose paints, solvents, thinners, waste plastic or polymer, PVC (polyvinyl chloride), lead, rubber-coated material, wood, paper, trash, waste oil, waste grease, oil filters ammunition, explosives, fertilizer, or any hazardous waste materials defined in 40 CFR, Part 261, Subpart D are also prohibited from being burned in this furnace. In addition, coatings that contain chlorine (PVC), fluorine (Teflon), sulfur, bromine, or elements other than carbon, hydrogen, and oxygen shall not be burned in this furnace, as they may form dangerous, toxic, and corrosive acids.

[OAC 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall install, operate, and properly maintain a temperature gauge which monitors the temperature of the secondary combustion chamber. The permittee shall record the secondary combustion chamber temperature prior to each batch operation.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

(2) The permittee shall maintain an operation/maintenance log for the emissions unit. The log, at a minimum, shall contain the following information:

a. The dates the emissions unit was operated

b. The number of batches processed for each date the emissions unit was operated; and

c. The dates and descriptions of any additional maintenance activities performed on this emissions unit.

[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports in which provide the following information for each period during which the secondary chamber exhaust gas temperature fell below the applicable requirement:

a. The date of the excursion;

b. The temperature values during the excursion;

c. The cause(s) for the excursion; and

d. The corrective action which has been or will be taken to prevent similar excursions in the future.

These reports shall be submitted in accordance with the reporting requirements specified in the Standard Terms and Conditions of this permit.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
0.17 lb PE /hr; 0.74 ton PE /year

Applicable Compliance Method:
Compliance shall be determined by multiplying the maximum throughput rate of 0.25 ton per hour by an emission factor of 0.14 lb PE /ton (based on manufacturer emissions testing).

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
0.20 lb PE/100 lbs of material charged

Applicable Compliance Method:
Compliance shall be determined by comparison with the emission factor of 0.14 lb PE /ton (0.007 lb PE / 100 lb, based on manufacturer emissions testing).

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

c. Emission Limitation:
5% opacity, except for 6 minutes in a 60-minute period not exceeding 10%.

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with 40 CFR 60, Appendix A, Method 9.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

10. P001, Shot Blast 2682 (Flow Thru) (Plt. 4)

Operations, Property and/or Equipment Description:

Abrasive Blasting Unit (flow thru) 2682 - with baghouse

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-11(B)(2)	5.4 lbs particulate emissions (PE)/hr
b.	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

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

Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range(s) specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The acceptable range for the pressure drop across the baghouse is 0.5 to 7.0 inches of water.

This range(s) is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range(s) based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range(s) will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a 'minor' permit modification.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);

b. an identification of each incident of deviation described in (a) above where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
5.4 lb PE/hr

Applicable Compliance Method:
Compliance with the hourly limitation may be determined by multiplying the maximum baghouse outlet concentration of 0.03 gr/dscf by the baghouse's maximum volumetric air flow rate (9120 acfm - the portion of total air flow associated with this emissions unit), then multiplying by lb/7000 grains and 60 minutes/hour.

If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with OAC rule 3745-17-03(B)(10).

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

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with the methods specified in OAC rule 3745-17-03(B)(1).

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

11. P002, Shot Blast 2484 (Double Door) (Plt. 4)

Operations, Property and/or Equipment Description:

Abrasive Blasting Unit (double door) 2484 - with baghouse

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-2644 issued July 22, 1987)	1.02 lbs particulate emissions (PE) /hr, 4.5 tons PE /year See b)(2)a
b.	OAC rule 3745-17-11(B)(2)	See b)(2)b
c.	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

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).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

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

Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range(s) specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The acceptable range for the pressure drop across the baghouse is 0.5 to 7.0 inches of water.

This range(s) is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range(s) based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range(s) will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a 'minor' permit modification.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);

b. an identification of each incident of deviation described in (a) above where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
1.02 lb PE /hr, 4.5 ton PE /year

Applicable Compliance Method:
Compliance may be determined by multiplying the maximum process wieght rate (0.8 tons metal/hr) by an emission factor of 17 lb PE /ton iron (AP-42 Table 12.10-7, January 1995) and a control factor of (1 - 0.99), i.e. 99 percent control for use of a baghouse.

If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with OAC rule 3745-17-03(B)(10).

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

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

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with the methods specified in OAC rule 3745-17-03(B)(1).

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

12. P010, Plant 5 Beam Line Shot Blaster

Operations, Property and/or Equipment Description:

Shot Blast Machine 4 (powder coating) - with baghouse

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-13700 issued January 7, 2003)	0.60 lbs particulate emissions (PE) /hr, 2.63 tons PE /year 0.01 gr PE /dscf Visible PE shall not exceed 5% opacity, as a six-minute average. See b)(2)a
b.	OAC rule 3745-17-11(B)(2)	See b)(2)b
c.	OAC rule 3745-17-07(A)	See b)(2)b

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) for this emission unit has been determined to be the use of a control system consisting of a baghouse with a maximum outlet concentration of 0.01 gr/dscf.

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).

c. All particulate emissions (PE) are assumed to be PM10.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

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

Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range(s) specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The acceptable range for the pressure drop across the baghouse is 1.0 to 6.0 inches of water.

This range(s) is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range(s) based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range(s) will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a 'minor' permit modification.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);

b. an identification of each incident of deviation described in (a) above where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
0.01 gr PE /dscf
0.60 lb PE /hr; 2.63 ton PE /year

Applicable Compliance Method:
The 0.01 gr PE/dscf limitation is the established maximum outlet concentration for the baghouse. Compliance with the lb/hr limitation may be determined by multiplying the maximum baghouse outlet concentration of 0.01 gr/dscf by the baghouse's maximum volumetric air flow rate (7000 acfm - the portion of total air flow associated with this emissions unit), then multiplying by lb/7000 grains and 60 minutes/hour.

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
Visible PE shall not exceed 5% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with 40 CFR 60, Appendix A, Method 9.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

13. P011, Shot Blast 200207 (Powder Line) (Plt. 4)

Operations, Property and/or Equipment Description:

Shot Blast Machine - Plant 5 (beam line) - with baghouse

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-13789 issued July 9, 2002)	1.56 lbs particulate emissions (PE) /hr, 6.83 tons PE /year 0.02 gr PE /dscf Visible PE shall not exceed 0% opacity, as a six-minute average. See b)(2)a
b.	OAC rule 3745-17-11(B)(2)	See b)(2)b
c.	OAC rule 3745-17-07(A)	See b)(2)b

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) for this emission unit has been determined to be the use of a control system consisting of a baghouse with a maximum outlet concentration of 0.02 gr/dscf.

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).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall properly operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse(s) during operation of this

emissions unit. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop, in inches of water, across the baghouse on a weekly basis.

Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range(s) specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The acceptable range for the pressure drop across the baghouse is 0.5 to 7.0 inches of water.

This range(s) is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range(s) based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range(s) will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a 'minor' permit modification.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);

b. an identification of each incident of deviation described in (a) above where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
0.02 gr PE /dscf
1.56 lb PE /hr; 6.83 ton PE /year

Applicable Compliance Method:
The 0.02 gr PE/dscf limitation is the established maximum outlet concentration for the baghouse. Compliance with the lb/hr limitation may be determined by multiplying the maximum baghouse outlet concentration of 0.02 gr/dscf by the baghouse's maximum volumetric air flow rate (9120 acfm - the portion of total air flow associated with this emissions unit), then multiplying by lb/7000 grains and 60 minutes/hour.

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
Visible PE shall not exceed 0% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with 40 CFR 60, Appendix A, Method 9.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.

14. P012, Belt Shot Blaster ES2019-2 (Flow-Thru)(Plt. 5)

Operations, Property and/or Equipment Description:

Shot Blast Machine - Plant 5 (small parts) - with baghouse

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 03-13942 issued April 3, 2003)	0.60 lbs particulate emissions (PE) /hr, 2.63 tons PE /year 0.01 gr PE /dscf Visible PE shall not exceed 5% opacity, as a six-minute average. See b)(2)a
b.	OAC rule 3745-17-11(B)(2)	See b)(2)b
c.	OAC rule 3745-17-07(A)	See b)(2)b

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) for this emission unit has been determined to be the use of a control system consisting of a baghouse with a maximum outlet concentration of 0.01 gr/dscf.

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).

c. All particulate emissions (PE) are assumed to be PM10.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

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

Whenever the monitored value for the pressure drop deviates from the range specified below, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range(s) specified below, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action, the date it was completed, the date and time the deviation ended, the total period of time (in minutes) during which there was a deviation, the pressure drop readings immediately after the corrective action, and the names of the personnel who performed the work. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The acceptable range for the pressure drop across the baghouse is 0.5 to 8.0 inches of water.

This range(s) is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the range(s) based upon information obtained during future particulate emission tests that demonstrate compliance with the allowable particulate emission rate for this emissions unit. In addition, approved revisions to the range(s) will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a 'minor' permit modification.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

e) Reporting Requirements

(1) The permittee shall submit quarterly reports that identify the following information concerning the operation of the control equipment during the operation of this emissions unit:

a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);

b. an identification of each incident of deviation described in (a) above where a prompt investigation was not conducted;

c. an identification of each incident of deviation described in (a) where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and

d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.

These quarterly reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.
[OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

f) Testing Requirements

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

a. Emission Limitation:
0.01 gr PE /dscf
0.60 lb PE /hr; 2.63 ton PE /year

Applicable Compliance Method: The 0.01 gr PE/dscf limitation is the established maximum outlet concentration for the baghouse. Compliance with the lb/hr limitation may be determined by multiplying the maximum baghouse outlet concentration of 0.01 gr/dscf by the baghouse's maximum volumetric air flow rate (7000 acfm - the portion of total air flow associated with this emissions unit), then multiplying by lb/7000 grains and 60 minutes/hour.

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

The annual allowable PE limitation was developed by multiplying the hourly limitation by 8760, and then dividing by 2000. Therefore, if compliance is shown with the hourly limitation, compliance is shown with the annual limitation.

b. Emission Limitation:
Visible PE shall not exceed 5% opacity, as a six-minute average

Applicable Compliance Method:
If required, compliance with the visible PE limitation shall be determined in accordance with 40 CFR 60, Appendix A, Method 9.

[All of Section f): OAC 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

g) Miscellaneous Requirements

(1) None.