5/12/2010

Certified Mail

Facility ID: 0448011731
Permit Number: P0088509
County: Lucas

Mr. Richard Smallets
Magna Steyr - Toledo Paint Facility
Chrysler LLC Supplier Park
3800 Stickney Avenue
Toledo, OH 43608

RE: FINAL AIR POLLUTION CONTROL TITLE V PERMIT
Permit Type: Initial

Dear Permit Holder:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this Title V permit is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. If you have any questions regarding this permit, please contact the Toledo Department of Environmental Services. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern

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

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Toledo Department of Environmental Services

Ohio | Environmental Protection Agency

FINAL

Division of Air Pollution Control
Title V Permit
for
Magna Steyr - Toledo Paint Facility

Facility ID:	0448011731
Permit Number:	P0088509
Permit Type:	Initial
Issued:	5/12/2010
Effective:	6/2/2010
Expiration:	6/2/2015

Ohio | Environmental Protection Agency

Division of Air Pollution Control
Title V Permit
for
Magna Steyr - Toledo Paint Facility

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 7
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 9
12. Federal and State Enforceability 9
13. Compliance Requirements 9
14. Permit Shield 11
15. Operational Flexibility 11
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 13
22. Permanent Shutdown of an Emissions Unit 13
23. Title VI Provisions 13
24. Reporting Requirements Related to Monitoring and Record Keeping Requirements Under State Law Only 14
25. Records Retention Requirements Under State Law Only 14
26. Inspections and Information Requests 14
27. Scheduled Maintenance/Malfunction Reporting 15
28. Permit Transfers 15

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations 15

B. Facility-Wide Terms and Conditions 16

C. Emissions Unit Terms and Conditions 18

1. B303, Topcoat 1&2 A&B ASH, Paint Mix ASH, Office ASH 1-3 19
2. K301, E-Coat 31
3. K302, Powder Anti-Chip 56
4. K303, Topcoat 74
5. P301, Sealer & Adhesive Application 99
6. P302, Topcoat Purge, Line Cleaning & Booth Cleaning 105
7. P303, Misc. Non-Production Solvents 108
8. P304, Foam Injection (Deadener) 111
9. P305, Topcoat/E-Coat/Anti-Chip Sanding 115
10. P306, Paint Sludge Dryer 119
11. Emissions Unit Group - 14 mmBtu/hr air makeup units: B305, B306, B307, B308, B309, B310, ... 132
12. Emissions Unit Group - NG boilers: B301, B304, ... 144
13. Emissions Unit Group - off-line repair spray booths: K404, K405, ... 161

Authorization

Facility ID: 0448011731
Facility Description: Paint Shop portion of Automotive and Light Duty Truck Supplier Park
Application Number(s): A0019668
Permit Number: P0088509
Permit Description: Initial TV for paint shopat Toledo Jeep Supplier Park
Permit Type: Initial
Issue Date: 5/12/2010
Effective Date: 6/2/2010
Expiration Date: 6/2/2015
Superseded Permit Number:

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

Magna Steyr - Toledo Paint Facility
Chrysler LLC Supplier Park
3800 Stickney Avenue
Toledo, OH 43608

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

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604
(419)936-3015

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 Toledo Department of Environmental Services. 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 Toledo Department of Environmental Services.
(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) None.

2. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subpart IIII: K301, K302, K303, K404, K405, P301, P302, and P304. The complete MACT requirements, including the MACT General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate Ohio EPA District office or local air agency.

C. Emissions Unit Terms and Conditions

1. B303, Topcoat 1&2 A&B ASH, Paint Mix ASH, Office ASH 1-3

Operations, Property and/or Equipment Description:

Eight natural-gas fired air make up units (<10 MMBtu/hr each) total capacity 28.95 MMBtu/hr

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 04-01358, modified 1/31/2008)	0.083 pound of carbon monoxide (CO) per mmBtu, 2.4 pounds CO per hour, 10.5 tons of CO per year, 2.5 pounds of nitrogen oxides (NOx) per hour, 10.95 tons of NOx per year, 0.06 pound of particulate emissions (PE) per hour, 0.24 ton of PE per year, 0.22 pound of particulate emissions less than 10 microns in diameter (PM10) per hour, 0.95 ton of PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.02 pound of SO2 per hour, 0.076 ton of SO2 per year, 0.16 pound of volatile organic compounds (VOC) per hour, 0.68 ton of VOC per year, and see b)(2)a., b. and c.
b.	OAC rule 3745-17-07(A)(1)	See b)(2)d.
c.	OAC rule 3745-17-10(B)(1)	See b)(2)d.
d.	OAC rule 3745-18-06(A)	See b)(2)e.
e.	OAC rule 3745-31-05(D)	See b)(2)f.
f.	OAC rule 3745-31-10 thru 20	0.085 pound NOx per mmBtu, 0.0019 pound of PE per mmBtu,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.0075 pound of PM10 per mmBtu, and see b)(2)g.
g.	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see b)(2)h.

(2) Additional Terms and Conditions

a. Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), OAC rules 3745-31-10 thru 27.

c. The annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

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. OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment when this emissions unit employs only natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

f. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 36.40 tons of CO per rolling, 12-month period, and

ii. 9.19 tons of SO2 per rolling, 12-month period.

g. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period,

ii. 1.09 tons of PE per rolling, 12-month period, and

iii. 3.65 tons of PM10 per rolling, 12-month period.

h. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period, and

ii. 2.36 tons of VOC per rolling, 12-month period.

c) Operational Restrictions

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall properly operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (3), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boiler, B301 and B304.). These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, and K303. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (4) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (5) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405..

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from all combustion processes (B301, B303 through B310, K301, K302, K303, P306, K404 and K405) as recorded in d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. Each day when a fuel other than natural gas was burned in this emissions unit.

b. An identification of each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, K303, P306,

K404 and K405 exceeded the operational restrictions specified in b)(1), and the actual cumulative quantity of fuel burned for each such month.

c. An identification of each month of the calendar quarter during which the quantity of CO, NOx, PE, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the emissions limitations specified in b)(1), and the actual cumulative quantity of CO, NOx, PE, PM10, SO2 and VOC for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

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

a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

2.4 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

10.5 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.083 pound of CO per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

2.5 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

10.95 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.085 pound of NOx per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.06 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.24 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.22 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.95 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.02 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.076 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

r. Emission Limitation:

0.16 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (28.95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

s. Emission Limitation:

0.68 tons of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (28.95 mmBtu/hr) by the allowable emission limitation (0.0054 pound of VOC per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

t. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

2. K301, E-Coat

Operations, Property and/or Equipment Description:

E-Coat Operations including one e-coat tank, 14.05 mmBtu/hr natural gas-fired low NOx oven, controlled by 7.5 MMBtu/hr RTO, touch up booth with dry filters

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
electrodeposition prime coat (E-Coat) tank vented to a 7.5 mmBtu/hr thermal oxidizer natural gas fired (coating emissions)		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	0.28 pound of particulate matter less than 10 microns in diameter (PM10) per hour, 0.27 pound of volatile organic compounds (VOC) per hour, 1.2 tons of VOC per year see b)(2)a., b., c., and d.
b.	OAC rule 3745-21-09(C)(1)(a)(i)	see b)(2)e.
c.	OAC rule 3745-31-05(D)	see b)(2)f. and g.
d.	OAC rule 3745-31-10 thru 20	0.085 pound of nitrogen oxides (NOx) per mmBtu, 0.0019 pound particulate emissions (PE) per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)h.
e.	OAC rule 3745-31-21 thru 27	0.085 pound of NOx per mmBtu, and see b)(2)f., i., j., and k.
f.	40 CFR Part 60 Subpart MM	see b)(2)e.
E-coat oven with 14.05 mmBtu/hr direct fired low NOx natural gas E-coat oven burners (combustion emissions)		
g.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	0.083 pound of carbon monoxide (CO) per mmBtu, 1.2 pounds of CO per hour, 5.1 tons of CO per year, 1.2 pounds of NOx per hour, 5.1 tons of NOx per year,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.03 pound of PE per hour, 0.12 ton of PE per year, 0.11 pound of PM10 per hour, 0.46 tons of PM10 per year, 0.0006 pound of sulfur dioxide (SO2) per mmBtu, 0.009 pound of SO2 per hour, 0.04 ton of SO2 per year, 5% opacity as a 6-minute average, and see b)(2)b., d., and l.
h.	OAC rule 3745-17-07(A)(1)	see b)(2)e.
i.	OAC rule 3745-17-11(B)(1)	see b)(2)e.
j.	OAC rule 3745-21-09(C)(1)(a)(i)	see b)(2)e.
k.	OAC rule 3745-31-05(D)	see b)(2)g.
l.	OAC rule 3745-31-10 thru 20	0.085 pound of NOx per mmBtu, 0.0019 pound PE per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)h.
m.	OAC rule 3745-31-21 thru 27	0.085 pound of NOx per mmBtu, and see b)(2)f., i., j., and k.
n.	40 CFR Part 60 Subpart MM	see b)(2)e.
o.	40 CFR Part 63.52(a)(2)	see b)(2)m.
touch up booth controlled by a dry filtration device		
p.	OAC rule 3745-31-05(A)(3)	5% opacity as a 6-minute average, and see b)(2)n. and o.
q.	OAC rule 3745-17-07(B)(1)	see b)(2)e.
r.	OAC rule 3745-17-11(C)(3)	See b)(2)p.
s.	OAC rule 3745-21-09(C)(1)(a)(i)	see b)(2)e.
t.	OAC rule 3745-31-10 thru 20	98% control efficiency for particulate, 0.01 pound per hour of PE, 0.05 ton of PE per rolling, 12-month period, 0.01 pound per hour of PM10, 0.05 ton of PM10 per rolling 12-month period.
u.	OAC rule 3745-31-21 thru 27	0.01 pound per hour of VOC, 0.05 ton of VOC per rolling 12-month period, and see b)(2)f., j., and k.
7.5 mmBtu/hr natural gas fired e-coat/topcoat thermal oxidizer combustion emissions		
v.	OAC rule 3745-31-05(A)(3) (PTI 0-01358, modified 1/31/2008)	0.083 pound of CO per mmBtu, 0.62 pound of CO per hour, 2.7 tons of CO per year, 0.64 pound of NOx per hour, 2.8 tons of NOx per year, 0.0019 pound of PE per mmBtu 0.014 pound of PE per hour,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.06 ton of PE per year, 0.0075 pound of PM10 per mmBtu 0.06 pound of PM10 per hour, 0.26 tons of PM10 per year, 0.0006 pound of SO2 per mmBtu, 0.01 pound of SO2 per hour, 0.05 ton of SO2 per year, 5% opacity as a 6-minute average, and see b)(2)b., d., nl.
w.	40 CFR Part 60 Subpart MM	see b)(2)e.
Electrodeposition primer process		
x.	40 CFR Part 63 Subpart IIII [40 CFR 63.3091(a)] [40 CFR 63.3092(a)] [40 CFR 60.3092(b)]	The permittee shall comply with: a. 0.60 lb/gal of combined organic hazardous air pollutants (HAP) emissions of applied coating solids from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis, or b. no more than 1.10 lb/gal of combined HAP emissions of applied coating solids from primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operation plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis, and i. no more than 1.0 percent by weight of any organic HAP-containing material added to the electrodeposition primer system, and 0.10 percent by weight of any organic HAP which is an OSHA-defined carcinogen as specified in 29 CFR 1910.1200(d)(4), or ii. emissions from all bake ovens used to cure electrodeposition primers must be ducted to a control device having a destruction removal efficiency of at least 95 percent.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		The permittee may switch its applicable requirements between emissions limits in a. or b. and between the requirement in i. or ii. At the beginning of any month, upon notifying the Agency at least 7 days prior to the switch.
y.	40 CFR Part 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176).

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), OAC rules 3745-31-10 thru 27, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

b. The hourly and annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

c. The permittee shall operate and maintain a thermal oxidizer, with a 100% capture efficiency and a minimum of 95 percent control efficiency, to control VOC emissions from the E-coat dip tank and e-coat oven. The thermal oxidizer shall be installed, operated and maintained in accordance with the manufacturer's recommendations with any amendments deemed necessary by the permittee.

d. The average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the oxidizer is in operation as a VOC control device for compliance purposes, shall not be below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

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

f. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

g. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 36.40 tons of CO per rolling, 12-month period, and

ii. 9.19 tons of SO2 per rolling, 12-month period.

h. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period,

   ii. 1.09 tons of PE per rolling, 12-month period, and

   iii. 3.65 tons of PM10 per rolling, 12-month period.

i. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period, and

   ii. 2.36 tons of VOC per rolling, 12-month period.

j. The combined emissions of VOC from the E-coat line shall not exceed 0.04 pound of volatile organic compounds per gallon of applied coating solids as a volume-weighted average on a monthly basis.

k. The combined emissions of VOC from the dip tank, drying oven and touch up booth operations associated with the E-coat line (K301), shall not exceed 2.1 tons as a rolling, 12-month summation.

l. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

m. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the boiler MACT (40 CFR Part 63, Subpart DDDDD).

   If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by the Ohio EPA or U.S. EPA.

n. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-10 thru 27 and 40 CFR Part 63 Subparts A and IIII.

o. The permittee shall permit no visible emissions of fugitive dust from the enclosure serving the touch up booth.

p. OAC rule 3745-17-11(C)(3) says that any PTI issued after January 1, 1990 that establishes particulate emissions under BAT is not subject to OAC rule 3745-17-11(C)(1) and (C)(2). Therefore, the permittee shall comply with the limitations established by OAC rule 3745-31-05 instead of paragraph (c)(1) and (c)(2) for touch-up spray booth particulate emissions limitations.

c) Operational Restrictions

(1) The permittee shall burn only natural gas as fuel in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) All of the operations comprising this emissions unit shall be fully enclosed and the emissions from the E-coat tank and the drying oven shall be exhausted through a thermal oxidizer.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall operate the thermal oxidizer whenever the respective emission source is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) All of the equipment comprising the touch up booth shall be fully enclosed and all emissions shall be exhausted through a dry filtration device.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall operate the dry filtration device whenever the touch up booth is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, K404, K405, and P306 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

If compliance with any of the HAP emissions limitations is demonstrated with use of a control device:		
a.	63.3092(b)	Capture and collection system requirements established pursuant to this rule which include the requirements of b)(2)c.
b.	63.3093(a), (b) and (c), 63.3094(b) and (c), and Table 1 to Subpart IIII	Site specific operating limits for capture system including compliance with c)(2) and c)(3). The requirements established pursuant to 40 CFR 63.3093 include the

		requirements of b)(2)d.
c.	63.3100	Startup, shutdown, and malfunction plan
d.	63.3163	Specific operating limits to demonstrate continuous compliance requirements established pursuant to this rule which include the requirements of b)(2)d.
e.	63.3167(a) and (f)	Site specific operating limits for capture system
If compliance with any of the HAP emissions limitations is demonstrated without use of a control device:		
f.	63.3093(a) 63.3094(b) and (c), and Table 1 to Subpart IIII	Site specific operating limits for capture system including compliance with c)(2) and c)(3). The requirements established pursuant to 40 CFR 63.3093 include the requirements of b)(2)d.
g.	63.3100	Startup, shutdown, and malfunction plan

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall comply with the applicable monitoring and record keeping requirements in 40 CFR Part 60.394 and 60.395.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall operate and maintain (a) continuous temperature monitor(s) and recorder(s) which measures and records the combustion temperature within the thermal oxidizer when the oxidizer is in operation. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any amendments deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall collect and record the following information for each month for the e-coat dip tank, e-coat oven, touch up booth and the associated control equipment:

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

b. the mass of VOC per volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating;

c. the maximum VOC content (in mass of VOC per volume of applied coating solids) or the monthly volume-weighted average VOC content (in mass of VOC per volume of applied coating solids) of all the coatings;

d. the calculated, controlled VOC emission rate, in mass of VOC per volume of applied coating solids. The controlled VOC emission rate shall be calculated using (i) either the maximum VOC content or the monthly volume-weighted VOC content recorded in accordance with d)(4)c. above and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance;

e. the calculated, controlled VOC emissions, in tons of VOC/month. The controlled VOC emissions shall be calculated using the controlled VOC emission rate in c)(4)d. above and a factor of 2,000 lb/ton;

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

g. all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

Alternate, equivalent recordkeeping methods may be used upon written approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the cumulative quantity of controlled VOC emissions from all coating operations performed in this emissions unit, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total VOCs from all coating operations performed in this emissions unit as recorded in paragraph (4) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain daily records that document any time periods when the touch up booth dry filtration device was not in service when the touch up booth was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

a. the color of the emissions;

b. whether the emissions are representative of normal operations;

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

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

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall properly operate and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (10), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(11) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boilers, B301 and B304.) These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for B303, B305 through B310, K301, K302, K303, K404, K405, and P306 in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(12) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (11) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(13) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306, in tons as a rolling, 12-month summation. These emissions shall be calculated as a

summation of the total emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (12) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(14) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 and P306

[Authority for term: OAC rule 3745-77-07(C)(1)]

(15) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from B301, B303 through B310, K301, K302, K303, P306, K404 and K405 as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(16) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

If compliance with any of the HAP emissions limitations is demonstrated with use of a control device:		
a.	63.3130(a) through (i) and (k) though (o)	General recordkeeping
b.	63.3131 and 63.3152	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
c.	63.3163 and 63.3173	Monitoring and recordkeeping requirements including compliance with c)(3) through c)(5).
d.	63.3168(a) through (c)	Continuous parameter monitoring including requirements established pursuant to this rule including the requirements of b)(2)d.
If compliance with any of the HAP emissions limitations is demonstrated without use of a control device:		
e.	63.3130(a) through (i) and (k) though (o)	General recordkeeping
f.	63.3131 and 63.3152	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
g.	63.3163(a), (b), (e), (f), and (j)	Monitoring and recordkeeping requirements including compliance with c)(3) through c)(4)(a)-(e).

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. The permittee shall comply with the applicable reporting and recordkeeping requirements in 40 CFR Part 60.395.

b. Each day when a fuel other than natural gas was burned in this emissions unit.

c. Quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

d. An identification of each month of the calendar quarter during which the calculated, controlled VOC emission rate, in pounds mass of VOC per gallon volume of applied coating solids, exceeded the emissions limitation specified in b)(1), and the actual VOC emission rate for each such month.

e. All days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) a description of any corrective actions taken to eliminate the visible particulate emissions.

f. An identification of each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the operational restrictions specified in c), and the actual cumulative quantity of fuel burned for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

If compliance with any of the HAP emissions limitations is demonstrated with use of a control device:		
a.	63.3120(a)	Compliance reporting requirements
b.	63.3120(b)	Performance test reporting requirements for control devices
c.	63.3120(c)	Startup, shutdown, malfunction reporting requirements for control devices
If compliance with any of the HAP emissions limitations is demonstrated without use of a control device:		
d.	63.3120(a)	Compliance reporting requirements

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the coating emissions shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.27 pound of VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0033 pound VOC per job). If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.2 tons of VOC per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the maximum hourly emissions rate (0.27 pound of VOC per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

100% capture efficiency and a minimum of 95 percent control efficiency

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Method 25 of 40 CFR Part 60 Appendix A and Method 204 of 40 CFR Part 51, Appendix M, using the methods and procedures specified in OAC rule 3745-21-10. The permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency", dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity and validity of the alternative, and may approve the use of the alternate if such approval does not contravene any other applicable requirement.)

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) Compliance with the emission limitation(s) for the E-Coat combustion emissions oxidizer stack shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.2 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the 14.05 mmBtu heat input capacity of the E-coat oven burners

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

5.1 tons of CO per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the 14.05 mmBtu heat input capacity of the E-coat oven burners and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

1.2 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the 14.05 mmBtu heat input capacity of the E-coat oven burners.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

5.1 tons of NOx per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the 14.05 mmBtu heat input capacity of the E-coat oven burners and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.014 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the 7.5 mmBtu heat input capacity of the E-coat oven burners.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. 0.062 ton of PE per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the 7.5 mmBtu heat input capacity of the E-coat oven burners by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.06 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the 7.5 mmBtu heat input capacity of the E-coat oven burners.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.26 ton of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the 7.5 mmBtu heat input capacity of the E-coat oven burners by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.009 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the 14.05 mmBtu/hr heat input capacity of the E-coat oven burners.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru

4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.04 ton of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the hourly maximum heat input (14.05 mmBtu/hr) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Compliance with the emission limitation(s) for the touch up booth shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation;

no visible emissions of fugitive dust

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d). If required, compliance shall be determined through emissions testing at the inlet and outlet of the control device performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate USEPA approved test methods may be used with prior written approval.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emissions Limitation:

0.01 pound of PE per hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.05 ton of PE per rolling 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the hourly allowable emission limitation (0.01 pound of PE per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.01 pound of PM10 per hour.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

0.05 ton of PM10 per rolling 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the hourly allowable emission limitation (0.01 pound of PM10 per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emissions Limitation:

0.01 pound of VOC per hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. 0.05 ton of VOC per rolling 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the hourly allowable emission limitation (0.01 pound of VOC per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) Compliance with the combined emission limitation(s) for the thermal oxidizer combustion emissions shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

0.62 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

2.7 tons of CO per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu per hour and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.64 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

2.8 tons of NOx per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the oxidizers burners, 7.5 mmBtu per hour and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.02 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the oxidizers burners 7.5 mmBtu/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. 0.06 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) maximum heat input of the oxidizers burners 7.5 mmBtu/hr and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.06 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.26 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr, by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the

emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

3. K302, Powder Anti-Chip

Operations, Property and/or Equipment Description:

Powder anti-chip spray booth with particulate filtration, 14.05 MMBtu/hr natural gas-fired low NOx oven

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) c)(5).

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
electrostatic powder anti-chip guidecoat spray booth with a high efficiency particulate filtration system		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	0.01 pound per hour of particulate emissions (PE), 0.01 pound per hour of PM10, 5% opacity as a 6-minute average, and see b)(2)a., b. and c.
b.	OAC rule 3745-17-07(A)(1)	see b)(2)d.
c.	OAC rule 3745-17-11(B)(1)	see b)(2)d.
d.	OAC rule 3745-31-10 thru 20	98% control efficiency for particulate, 0.05 ton of PE per rolling, 12-month period, 0.05 ton of PM10 per rolling, 12-month period, and see b)(2)e.
e.	40 CFR Part 60 Subpart MM	see b)(2)d.
electrostatic powder anti-chip oven with no control		
f.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	1.7 pounds per hour of volatile organic compounds (VOC), and see b)(2)b., c. and g.
g.	OAC rule 3745-21-09(C)(1)(b)	see b)(2)d.
h.	OAC rule 3745-31-21 thru 27	0.05 pound of VOC per gallon of applied coating solids as a monthly volume-weighted average, 2.0 tons of VOC per rolling, 12-month period, and see b)(2)e.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
i.	40 CFR Part 60 Subpart MM	see b)(2)d.
14.05 mmBtu/hr direct fired natural gas low NOx anti-chip oven burners		
j.	OAC rule 3745-31-05(A)(3) (PTI 0-01358, modified 1/31/2008)	0.083 pound of carbon monoxide (CO) per mmBtu, 1.2 pounds of CO per hour, 5.1 tons of CO per year, 1.2 pounds of nitrogen oxides (NOx) per hour, 5.1 tons of NOx per year, 0.03 pound of PE per hour, 0.13 ton of PE per year, 0.11 pound of PM10 per hour, 0.46 ton of PM10 per year, 0.0006 pound of sulfur dioxide (SO2) per mmBtu, 0.009 pound of SO2 per hour, 0.04 ton of SO2 per year, 0.08 pound of VOC per hour, 0.33 ton of VOC per year, 5% opacity as a 6-minute average, and see b)(2)b. and h.
k.	OAC rule 3745-17-07(A)(1)	see b)(2)d.
l.	OAC rule 3745-17-11	see b)(2)d.
m.	OAC rule 3745-18-06(A)	see b)(2)i.
n.	OAC rule 3745-31-05(D)	See b)(2)j.
o.	OAC rule 3745-31-10 thru 20	0.085 pound of NOx per mmBtu, 0.0019 pound per mmBtu of PE, 0.0075 pound of PM10 per mmBtu, and see b)(2)k.
p.	OAC rule 3745-31-21 thru 27	0.085 pound of NOx per mmBtu, 0.0054 pound of VOC per mmBtu, and see b)(2)l.
q.	40 CFR Part 63 Subpart A	see b)(2)f.
r.	40 CFR Part 63.52(a)(2)	see b)(2)m.
guidecoat process		
s.	40 CFR Part 63 Subpart IIII [40 CFR 63.3091(a)] [40 CFR 63.3092(a)]	The permittee shall comply with: a. 0.60 lb/gal of combined organic hazardous air pollutants (HAP) emissions of applied coating solids from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	[40 CFR 60.3092(b)]	averaged basis, or b. no more than 1.10 lb/gal of combined HAP emissions of applied coating solids from primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operation plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis, and i. no more than 1.0 percent by weight of any organic HAP-containing material added to the electrodeposition primer system, and 0.10 percent by weight of any organic HAP which is an OSHA-defined carcinogen as specified in 29 CFR 1910.1200(d)(4), or ii. emissions from all bake ovens used to cure electrodeposition primers must be ducted to a control device having a destruction removal efficiency of at least 95 percent. The permittee may switch its applicable requirements between emissions limits in a. or b. and between the requirement in i. or ii. At the beginning of any month, upon notifying the Agency at least 7 days prior to the switch.
t.	40 CFR 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176).

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-10 thru 20, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

b. The hourly and annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

c. No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

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 annual PM10 and VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

f. 40 CFR Part 63, Subpart A provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

g. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-21 thru 27, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

h. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), and OAC rules 3745-31-10 thru 27.

i. OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment associated with this emissions unit because the emissions unit only employs natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas being burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule3745-18-06(A).

j. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 36.40 tons of CO per rolling, 12-month period, and

   ii. 9.19 tons of SO2 per rolling, 12-month period.

k. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period,

   ii. 1.09 tons of PE per rolling, 12-month period, and

   iii. 3.65 tons of PM10 per rolling, 12-month period.

l. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period, and

ii. 2.36 tons of VOC per rolling, 12-month period.

m. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by Ohio EPA or U.S. EPA.

c) Operational Restrictions

(1) The permittee shall burn only natural gas as fuel in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) All of the equipment comprising the powder spray booth shall be enclosed and all emissions shall be exhausted through a dry filtration device.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall operate the dry filtration device whenever the powder spray booth is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) Should any coating formulations cause an odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3093(a) 63.3094(b) and (c), and Table 1 to Subpart IIII	Specific operating limits to demonstrate continuous compliance requirements

		established pursuant to this rule
c.	63.3100	Startup, shutdown, and malfunction plan
d.	63.3163(a), (b), (e), (f), and (j)	Specific operating limits to demonstrate continuous compliance.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall comply with the applicable monitoring and record keeping requirements in 40 CFR Part 60.394 and 60.395.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall maintain daily records that document any time periods when the dry filtration device was not in service when the anti-chip spray booth was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall properly operate and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (7), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boilers, B301 and B304.) These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for

B303, B305 through B310, K301, K302, K303, K404, K405, and P306 in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (8) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310,K301, K302, K303, K404, K405, and P306, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (9) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(11) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from B301, B303 through B310, K301, K302, K303, P306, K404 and K405 as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(12) The permittee shall collect and record the following information for each month for the coating line and control equipment:

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

b. the mass of VOC per volume of coating solids, as applied, the volume solids content, as applied, and the applied volume of each coating;

c. the maximum VOC content (in mass of VOC per volume of applied coating solids) or the monthly volume-weighted average VOC content (in mass of VOC per volume of applied coating solids) of all the coatings;

d. the calculated VOC emission rate, in mass of VOC per volume of applied coating solids. The VOC emission rate shall be calculated using the maximum VOC

content or the monthly volume-weighted VOC content recorded in accordance with (c) above;

e. the monthly emissions of VOC and the rolling, 12-month summation of the monthly emissions; and

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

Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(13) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (i) and (k) though (o)	General recordkeeping
b.	63.3131 and 63.3152	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
c.	63.3163(a), (b), (e), (f), and (j)	Monitoring and recordkeeping requirements including compliance with c)(12).

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. Each day when a fuel other than natural gas was burned in this emissions unit.

b. Each day when the dry filtration system was not in service when the respective emissions source was in operation.

c. All records showing that the calculated VOC emission rate exceeds the applicable mass of VOC per volume of coating solids limitation. The notification shall include a copy of such record.

d. All records showing that the tons of VOC per rolling, 12-month period exceeds the applicable limitation. The notification shall include a copy of such record.

e. An identification of each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the operational restrictions specified in c) and the actual cumulative quantity of fuel burned for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall comply with the applicable reporting and record keeping requirements in 40 CFR Part 60.395.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reporting requirements

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the powder spray booth stack shall be determined in accordance with the following methods(s):

a. Emission Limitation:

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.01 pound of PE per hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1- 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

0.05 ton of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly allowable emission limitation (0.01 pound of PE per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

0.01 pound per hour PM10

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.05 ton of PM10 per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly allowable emission limitation (0.01 pound of PM10 per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

If required, compliance shall be determined through visible emission observations performed in accordance with Method 22 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(4).

(2) Compliance with the emission limitation(s) for the oven stack shall be determined in accordance with the following methods(s):

a. Emission Limitation:

0.05 pound of VOC per gallon of applied coating solids as a monthly volume-weighted average

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d). If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

1.7 pounds per hour VOC

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.02 pound VOC per job). If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 -4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

2.0 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d). This emission limitation was developed by multiplying the maximum allowable annual production rate (200,064 jobs per year) by a company supplied emissions factor (0.02 pounds of VOC per job) and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Compliance with the emission limitation(s) for the oven burners shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 - 4 and 10 of 40 CFR Part 60 Appendix A, or other USEPA approved test method, with prior approval from the Ohio EPA.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.2 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

5.1 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr) and by the maximum annual hours of operation (8760

hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 -4 and 7 of 40 CFR Part 60 Appendix A, or other USEPA approved test method, with prior approval from the Ohio EPA.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

1.2 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

5.1 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the

hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emissions Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.03 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.13 ton of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.03 pound of PE per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.5 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.11 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.46 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04 or other USEPA approved test methods, with prior approval from the Ohio EPA.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.009 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.04 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

q. Emission Limitation:

0.0054 pound per mmBtu VOC

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Method 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

r. Emission Limitation:

0.08 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (14.05 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

s. Emission Limitation:

0.33 ton of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound per mmBtu VOC) by the maximum heat input of the burners (14.05 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

4. K303, Topcoat

Operations, Property and/or Equipment Description:

Topcoat Operations including two topcoat booths w/water wash, 16.24 MMBth/hr natural gas-fired low NOx oven, controlled by 7.5 MMBtu/hr RTO

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) c)(6)

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
2 automotive topcoat booths, using waterborne basecoat and solventborne clearcoat comprised of manual and robotic spray operations with water wash filtration and natural gas fired 7.5 mmBtu/hr thermal oxidizer on the basecoat heated flash, clearcoat bells and topcoat ovens		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	30 pounds per hour of particulate matter less than 10 microns in diameter (PM10), 247 pounds of volatile organic compounds (VOC) per hour, 4.8 pounds per hour of particulate matter (PE),and see b)(2)a., b., c., d., e., f., g.
b.	OAC rule 3745-17-07(A)(1)	see b)(2)h.
c.	OAC rule 3745-17-11(C)(3)	See b)(2)v.
d.	OAC rule 3745-21-09(C)(1)(c)	see b)(2)h.
e.	OAC rule 3745-31-05(D)	see b)(2)i.
f.	OAC rule 3745-31-10 thru 20	see b)(2)j., k., l. and m.
g.	OAC rule 3745-31-21 thru 27	see b)(2)m., n., o., and p.
h.	40 CFR Part 60 Subpart MM	see b)(2)h.
i.	40 CFR Part 64 Compliance Assurance Monitoring (CAM)	The permittee has included a CAM plan for those emissions units whose pre-controlled potential emissions exceed major source thresholds. The elements of the CAM plan have been incorporated in the monitoring requirements outlined in d)(16)c.
16.24 mmBtu/hr indirect fired, low NOx, natural gas clearcoat oven burners combustion emissions		
j.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	0.083 pound carbon monoxide (CO) per mmBtu,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		1.4 pounds of CO per hour, 6 tons of CO per year, 1.4 pounds of nitrogen oxides (NOx) per hour, 6 tons of NOx per year, 0.03 pound of PE per hour, 0.14 ton of PE per year, 0.12 pound of PM10 per hour, 0.53 ton of PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.009 pound of SO2 per hour, 0.042 ton of SO2 per year, 0.09 pound of VOC per hour, 0.40 ton of VOC per year, and see b)(2)a., c. and q.
k.	OAC rule 3745-17-07(A)(1)	see b)(2)h.
l.	OAC rule 3745-17-10(B)(1)	see b)(2)h.
m.	OAC rule 3745-18-06(A)	see b)(2)r.
n.	OAC rule 3745-31-05(D)	see b)(2)i.
o.	OAC rule 3745-31-10 thru 20	0.085 pound NOx per mmBtu, 0.0019 pound PE per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)k., l. and s.
p.	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see b)(2)m., o., and p.
q.	40 CFR Part 63 Subpart A	40 CFR 63, Subpart A provides applicability provisions, definitions, and other general provisions that are applicable to this emissions unit affected by 40 CFR Part 63.
r.	40 CFR Part 63.62(a)(2)	see b)(2)t.
7.5 mmBtu/hr E-coat/topcoat thermal oxidizer combustion emissions		
s.	OAC rule 3745-31-05(A)(3)	0.083 pound of CO per mmBtu, 0.62 pound per hour of CO, 2.7 tons of CO per year, 0.64 pound per hour of NOx, 2.8 tons of NOx per year, 0.0006 pound of SO2 per mmBtu, 0.01 pound of SO2 per hour, 0.05 ton of SO2 per year, 0.085 pound of NOx per mmBtu 0.0019 pound PE per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)a., c., i., m., q., s, and u.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Topcoat process		
t.	40 CFR Part 63 Subpart IIII [40 CFR 63.3091(a)] [40 CFR 63.3092(a)] [40 CFR 60.3092(b)]	The permittee shall comply with: a. 0.60 lb/gal of combined organic hazardous air pollutants (HAP) emissions of applied coating solids from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis, or b. no more than 1.10 lb/gal of combined HAP emissions of applied coating solids from primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operation plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis. The permittee may switch its applicable requirements between emissions limits in a. or b. At the beginning of any month, upon notifying the Agency at least 7 days prior to the switch.
u.	40 CFR 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176).

(2) Additional Terms and Conditions

a. Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-31-05(D), OAC rule 3745-31-10 thru 27, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

c. The hourly and annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

d. The permittee shall operate and maintain a water wash system(s) to control PM10 emissions from each spray booth operation comprising this emissions unit. The water wash system(s) shall be installed, operated and maintained in accordance with the manufacturer's recommendations with any amendments deemed necessary by the permittee.

e. The permittee shall operate and maintain thermal oxidizers, with a 100% capture efficiency and a minimum of 95 percent control efficiency, to control VOC emissions from the sections of the coating line identified as the basecoat heated flash, clearcoat bells and topcoat ovens. The thermal oxidizers shall be operated and maintained in accordance with the manufacturer's recommendations with any amendments deemed necessary by the permittee.

f. The average combustion temperature within any thermal oxidizer, for any 3-hour block of time when the oxidizer is in operation as a VOC control device for compliance purposes, shall not be below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

g. The permittee shall allow no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

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

i. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 36.40 tons of CO per rolling, 12-month period, and

   ii. 9.19 tons of SO2 per rolling, 12-month period.

j. The emissions of PM10 from any stack serving the spray booth operations shall not exceed 0.0015 grains per dry standard cubic foot (gr/dscf) of exhaust gases.

k. The combined emissions of PE from the coating operations associated with this emissions unit shall not exceed 21 tons as a rolling, 12-month summation.

l. The combined emissions of PM10 from the coating operations associated with this emissions unit shall not exceed 35.86 tons as a rolling, 12-month summation.

m. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 37.89 tons of NOx per rolling, 12-month period.

n. The combined emissions of VOC from all coating operations performed in this emissions unit shall not exceed 5.42 pounds of volatile organic compounds per gallon of applied coating solids as a volume-weighted daily average.

o. The combined emissions of VOC from all coating operations performed in this emissions unit shall not exceed 300.6 tons as a rolling, 12-month summation.

p. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 2.36 tons of VOC per rolling, 12-month period.

q. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), and OAC rule 3745-31-10 thru 27.

r. OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment associated with this emissions unit because the emissions unit only employs natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas being burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

s. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 3.65 tons of PM10 per rolling, 12-month period.

t. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the minimum requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by Ohio EPA or U.S. EPA.

u. The combustion product emissions from the thermal oxidizer controlling emissions from K301, K303, K404, K405, and P306 shall not exceed;

i. 2.7 tons of CO per year,

ii. 2.8 tons of NOx per year,

iii. 0.06 ton of PE per year

iv. 0.25 tons of PM10 per year, and

v. 0.05 ton of SO2 per year,

as a rolling 12-month summation

v. OAC rule 3745-17-11(C)(3) says that any PTI issued after January 1, 1990 that establishes particulate emissions under BAT is not subject to OAC rule 3745-17-11(C)(1) and (C)(2). Therefore, the permittee shall comply with the limitations

established by OAC rule 3745-31-05 instead of paragraph (c)(1) and (c)(2) for touch-up spray booth particulate emissions limitations.

c) Operational Restrictions

(1) The permittee shall burn only natural gas as fuel in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) Each spray booth operation comprising this emissions unit shall be enclosed and all of the particulate emissions shall be exhausted through a water wash system.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall operate the water wash system whenever the respective emission source is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The maximum annual production rate through the topcoat operation not exceed 200,064 jobs (painted automobiles), based upon a rolling, 12-month summation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) Should any coating formulations cause an odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3092(b)	Capture and collection system requirements established pursuant to this rule which include the requirements of b)(2)e. and b)(2)f.
b.	63.3093(a), (b) and (c), 63.3094(b) and (c), and Table 1 to Subpart IIII	Site specific operating limits for capture system including compliance with c)(2) and c)(3). The requirements established pursuant to 40 CFR 63.3093 include the

		requirements of b)(2)e. and b)(2)f.
c.	63.3100	Startup, shutdown, and malfunction plan
d.	63.3163	Specific operating limits to demonstrate continuous compliance requirements established pursuant to this rule which include the requirements of b)(2)e. and b)(2)f.
e.	63.3167(a) and (f)	Site specific operating limits for capture system

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall comply with the applicable monitoring and record keeping requirements in 40 CFR Part 60.394 and 60.395.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall maintain daily records that document any time periods when the water wash system(s) was not in service when the respective emissions source was in operation. These records shall indicate the emissions source and any actions taken to correct the deviation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall operate and maintain a continuous temperature monitor(s) and recorder(s) which measures and records the combustion temperature within the thermal oxidizer when the oxidizer is in operation. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor(s) and recorder(s) shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any amendments deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) Pursuant to OAC rule 3745-21-09(C)(4), the permittee shall maintain records for the top coat process that will enable the permittee to calculate the VOC emission rate in order to

demonstrate compliance with the emissions limitation identified in b)(1) above for the topcoat process in accordance with the U.S. EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-018, Dec.1988) and any subsequent revisions thereof. The permittee shall calculate the VOC emission rates for the topcoat operation in pounds of VOC per gallon of solids applied and in pounds of VOC per day, using the overall capture and control efficiency for the control equipment, as determined during the most recent emission test that demonstrated that the emissions unit was in compliance.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the rolling 12-month summation of jobs produced off of the paint shop.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall properly operate and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405..

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (11), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(11) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boilers, B301 and B304.) These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for B303, B305 through B310, K301, K302, K303, K404, K405, and P306 in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(12) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306. These quantities shall be calculated

as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (11) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(13) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306. as recorded in paragraph (12) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(14) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(15) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from B301, B303 through B310, K301, K302, K303, P306, K404 and K405 as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(16) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (i) and (k) though (o)	General recordkeeping
b.	63.3131 and 63.3152	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
c.	63.3163 and 63.3173	Monitoring and recordkeeping requirements including compliance with d)(4) and d)(5).
d.	63.3168(a) through (c)	Continuous parameter monitoring including requirements established pursuant to this rule include the requirements of b)(2)f.

[Authority for term: 40 CFR Part 64 CAM and OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. Each day when a fuel other than natural gas was burned in this emissions unit.

b. All days during which a water wash system was not in service when the respective emissions source was in operation.

c. All 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

d. An identification of each day of the calendar quarter during which the calculated pounds of VOC per day, exceeded the emissions limitation specified in b)(1), and the actual VOC emission rate for each such day.

e. An identification of each month of the calendar quarter during which the annual production rate through the topcoat operation exceeded the operational restrictions specified in c) and the actual cumulative annual production rate for each such month.

f. an identification of each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, and K303 exceeded the operational restrictions specified in c) and the actual cumulative quantity of fuel burned for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall comply with the applicable reporting and recordkeeping requirements in 40 CFR Part 60.395.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing that the calculated, controlled VOC emission rates exceed(s) the applicable pounds of VOC per gallon of solids limitation for the topcoat process. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days after the exceedance occurs.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) By February 15 of each year, and in accordance with section 18 of the U.S.EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-018, December

1988) and any subsequent revisions thereof, the permittee shall submit to the Toledo Division of Environmental Services a report which reviews the current operating conditions for this emissions unit and compares them to the conditions in existence at the time of the most recent transfer efficiency tests.

If significant product, processing, material, or application equipment changes have occurred which necessitate a re-evaluation of the transfer efficiency for each operation which has been modified, the permittee shall complete the re-evaluation and submit the results to the Toledo Division of Environmental Services within 60 days following the completion of re-evaluation testing.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reporting requirements
b.	63.3120(b)	Performance test reporting requirements
c.	63.3120(c)	Startup, shutdown, malfunction reporting requirements

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the topcoat coating lines shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation;

no visible emissions of fugitive dust

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

4.8 pounds of PE per hour

Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lb/hr)

M = maximum coating solids usage rate (lb/hr)

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 - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

21 tons of PE per rolling 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the hourly maximum allowable emission limitation (4.8 pounds of PE per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.0015 gr PM10/dscf

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

30 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.36 pound PM10/job). If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 201 and 202 of 40 CFR Part 52 Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

35.86 tons of PM10 per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.36 pound PM10/job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation

5.42 pounds of VOC per gallon of applied coating solids as a volume-weighted daily average.

Applicable Compliance Method

Compliance shall be demonstrated though the record keeping requirements of d) of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

247 pounds of VOC per hour

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation based on the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (3.0 pounds VOC per job). If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 or Method 24 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

The combined emissions of VOC from all coating operations performed in this emissions unit shall not exceed 300.6 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated though the record keeping requirements of d) of this permit. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (3.0 pounds VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

100% capture efficiency and a minimum of 95 percent control efficiency

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Method 25 of 40 CFR Part 60 Appendix A and Method 204 of 40 CFR Part 51, Appendix M, using the methods and procedures specified in OAC rule 3745-21-10. The permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency", dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity and validity of the alternative, and may approve the use of the alternate if such approval does not contravene any other applicable requirement.)

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) Compliance with the emission limitation(s) for the topcoat oven stacks shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.4 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

6 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

1.4 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

6 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.03 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.14 ton of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (16.24 mmBtu/hr) by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.12 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.53 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.009 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.42 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

r. Emission Limitation:

0.09 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (16.24 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

s. Emission Limitation:

0.40 ton of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (66 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

t. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Compliance with the emission limitation(s) for the E-coat/thermal oxidizer shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

0.62 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

2.7 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.64 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

2.8 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (7.5 mmBtu/hr) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the

emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

None.

5. P301, Sealer & Adhesive Application

Operations, Property and/or Equipment Description:

Sealer and adhesive application (uncontrolled)

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 04-01385, modified 1/31/2008)	40 pounds of volatile organic compounds (VOC) per hour, and see b)(2)a.
b.	OAC rule 3745-21-07(G)(9)(f)	Exemption from OAC rule 3745-21-07(G)(2) emissions limitations due to usage of non-photochemically reactive materials. See b)(2)c.
c.	OAC rule 3745-31-21 thru 27	0.3 pound of VOC per gallon, minus water, 47.7 tons of VOC per rolling, 12-month period, and see b)(2)b.
d.	40 CFR Part 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176)
e.	40 CFR Part 63 Subpart IIII (40 CFR 63.3091(c))	0.010 lb/lb organic hazardous air pollutants (HAPs) emissions from sealers and adhesives (other than glass bonding) used, calculated on a monthly averaged basis.

(2) Additional Terms and Conditions

a. The requirements of this rule also includes compliance with the requirements of OAC rules 3745-31-21 thru 27 and 40 CFR Part 63 Subparts A and IIII.

b. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: c)(2), d)(3)b)(1)b., b)(2)c., and e)(1).

c) Operational Restrictions

(1) The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited. Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, Toledo Division of Environmental Services. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, c)(2) will be voided entirely.]

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

c.	63.3094(b) and (c)	Work practice plan to minimize organic HAP emissions generated by all applicable coating operations which include the requirements of c)(1).
d.	63.3100(c)	Startup, shutdown, and malfunction plan
e.	63.3163	Specific operating limits to demonstrate continuous compliance requirements established pursuant to this rule.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) When using complying coatings for the sealers and adhesives, the permittee shall collect and record the following information each month for this emissions unit:

a. the name and identification number of each sealer and adhesive, as applied; and

b. the VOC content of each sealer and adhesive (excluding water and exempt solvents), as applied.

Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) When calculating a daily volume-weighted average VOC content for the sealers and adhesives, the permittee shall collect and record the following information each day for this emissions unit:

a. the name and identification number of each sealer and adhesive, as applied;

b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each sealer and adhesive, as applied; and

c. the volume-weighted average VOC content of all sealer and adhesive, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall collect and record the following information on a monthly basis for each sealer and adhesive employed:

a. the company identification of each sealer and adhesive employed;

b. whether or not the sealer or adhesive is a photochemically reactive material;

c. the number of gallons (or quantity), minus water, of each sealer and adhesive employed;

d. the VOC content, in pounds of VOC/gallon (or per unit quantity), excluding water of each sealer and adhesive employed; and

e. the total VOC emission rate from all of the sealer and adhesives employed c. x d., in tons per month.

(4) The permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions from this emissions unit. These quantities shall be calculated as a summation of the monthly quantities recorded in paragraph d)(3) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (h), and (n)	General recordkeeping
b.	63.3131 and 63.3152(a) and (c)	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
e.	63.3163 and 63.3173	Monitoring and recordkeeping requirements.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall notify the Toledo Division of Environmental Services in writing of any record showing the use of a photochemically reactive sealer and adhesive. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services 30 days following the end of the calendar month.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, e)(1) references to photochemically reactive material shall be voided.]

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any monthly record showing that the coating line exceeds the applicable VOC content limitation for all sealers and adhesives employed;

b. any monthly record showing that the emissions unit exceeds the applicable rolling, 12-month VOC limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reports

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) in b)(1) and (b)(2) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitations:

0.3 pound of volatile organic compounds (VOC) per gallon, minus water

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d) of this permit. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

40 pounds of VOC per hour

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation based on the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.48 pound VOC per job). If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Method 24 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

47.7 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated though the record keeping requirements of d) of this permit. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.48 pound VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

6. P302, Topcoat Purge, Line Cleaning & Booth Cleaning

Operations, Property and/or Equipment Description:

Topcoat purge, line cleaning and booth cleaning (uncontrolled)

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 04-01358, modified 1/31/2008)	see b)(2)a.
b.	OAC rule 3745-31-21 thru 27	160.6 tons of volatile organic compounds (VOC) per rolling, 12-month period, and see b)(2)b.
c.	40 CFR Part 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176)
d.	40 CFR Part 63 Subpart IIII (40 CFR 63.3093(a))	Comply with the work practice requirements in c)(1).

(2) Additional Terms and Conditions

a. The requirements of this rule also includes compliance with the requirements of OAC rules 3745-31-21 thru 27 and 40 CFR Part 63 Subparts A and IIII.

b. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c) Operational Restrictions

(1) The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

b.	63.3094(b) and (c)	Work practice plan to minimize organic HAP emissions generated by all applicable coating operations which include the requirements of c)(1).
c.	63.3100(c)	Startup, shutdown, and malfunction plan
d.	63.3163(e) and (j)	Specific operating limits to demonstrate continuous compliance requirements established pursuant to this rule which include the requirements of c)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the purge and cleaning solvent operations:

a. the company identification for each purge and cleaning solvent employed;

b. the number of gallons of each purge and cleaning solvent employed;

c. the organic compound content of each purge and cleaning solvent, in lb/gal; and

d. the total VOC emission rate from all of the purge and cleaning solvents employed, in tons per month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions from this emissions unit. These quantities shall be calculated as a summation of the monthly quantities recorded in paragraph d)(1) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (h), and (n) and 63.3131	General recordkeeping
c.	63.3173	Monitoring and recordkeeping requirements.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any monthly record showing that the emissions unit exceeds the applicable VOC limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reports

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

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

a. Emission Limitation:

160.6 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated though the record keeping requirements of d) of this permit. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (1.61 pounds VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

7. P303, Misc. Non-Production Solvents

Operations, Property and/or Equipment Description:

Facility-wide non-production maintenance materials (uncontrolled)

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 04-01358, modified 1/31/2008)	see b)(2)a.
b.	OAC rules 3745-31-21 thru 27	77.0 tons of volatile organic compounds (VOC) per rolling, 12-month period, and see b)(2)b.
c.	OAC rule 3745-21-07(G)(9)(f)	Exemption from OAC rule 3745-21-07(G)(2) emissions limitations due to usage of non-photochemically reactive materials. See c)2. and b)(2)c.

(2) Additional Terms and Conditions

a. The requirements established pursuant to this rule are equivalent to the requirements of OAC rules 3745-31-21 thru 27.

b. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The following terms and conditions shall become void after U.S. EPA approves the rule revision: c)(2), d)(1)a), d)(1)g.ii., and e)(1)a.

c) Operational Restrictions

(1) The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited. Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, Toledo Division of Environmental Services. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, c)(2) will be voided entirely.]

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the non-production maintenance material operations:

a. the company identification for each non-production maintenance material employed;

b. whether or not the non-production maintenance material is a photochemically reactive material;

c. the number of gallons of each non-production maintenance material employed;

d. the organic compound content of each non-production maintenance material, in lb/gal; and

e. the total VOC emission rate from all of the non-production maintenance materials employed, in tons per month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions from this emissions unit. These quantities shall be calculated as a summation of the monthly quantities recorded in paragraph d)(1) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall notify the Toledo Division of Environmental Services in writing of any record showing the use of a photochemically non-production maintenance material. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 30 days following the end of the calendar month.

[Note: After the revision to OAC rule 3745-21-07(G) is approved into the Ohio SIP, e)(1) references to photochemically reactive material shall be voided.]

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any monthly record showing that the emissions unit exceeds the applicable VOC limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

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

a. Emission Limitation:

77.0 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated though the record keeping requirements of d) of this permit. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.77 pound VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

8. P304, Foam Injection (Deadener)

Operations, Property and/or Equipment Description:

Injected foam sound deadener (uncontrolled)

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 04-01358, modified 1/31/2008)	6.8 pounds of volatile organic compounds (VOC) per hour, and see b)(2)a. and b.
b.	OAC rule 3745-21-09(U)(1)(d)	see b)(2)c.
c.	OAC rules 3745-31-21 thru 27	0.14 pound of VOC per gallon of unreacted foam, 8.3 tons of VOC per rolling, 12-month period, and see b)(2)d.
d.	40 CFR Part 63 Subpart IIII [40 CFR 63.3091(d)]	0.010 lb/lb of organic hazardous air pollutants (HAP) emissions of deadener materials used, calculated on a monthly averaged basis.
e.	40 CFR Part 63 Subpart A (40 CFR 63.1-15)	applicable general provisions to Subpart IIII (40 CFR 63.3176)

(2) Additional Terms and Conditions

a. The requirements established pursuant to this rule are equivalent to the requirements of OAC rules 3745-31-21 thru 27.

b. The hourly emission limitation above was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

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

d. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c) Operational Restrictions

(1) The permittee shall employ techniques appropriate to minimize the emissions of VOC from this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

c.	63.3094(b) and (c)	Work practice plan to minimize organic HAP emissions generated by all applicable coating operations which include the requirements of c)(1).
d.	63.3100(c)	Startup, shutdown, and malfunction plan
e.	63.3163	Specific operating limits to demonstrate continuous compliance requirements established pursuant to this rule.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

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

a. the company identification for each injected foam sound deadener employed;

b. the number of gallons of each unreacted foam sound deadener material employed;

c. the organic compound emitted from each foam sound deadener material, in pounds of VOC per gallon of unreacted materials; and

d. the total VOC emission rate from all of the injected foam sound deadeners employed, in tons per month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions from this emissions unit. These quantities shall be calculated as a summation of the monthly quantities recorded in paragraph d)(1) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards

for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (h), and (n)	General recordkeeping
b.	63.3131 and 63.3152(a) and (c)	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
e.	63.3163 and 63.3173	Monitoring and recordkeeping requirements including compliance with d)(1) and d)(2).

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of any foam sound deadener material that emits more than 0.14 pound of VOCs per gallon of unreacted foam. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. any monthly record showing that the emissions unit exceeds an applicable VOC emissions limitation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reports

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

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

a. Emission Limitations:

0.14 pound of VOC emitted per gallon of unreacted foam

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(1) of this permit. If required, compliance shall be demonstrated by using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A and an evaluation performed in accordance with OAC rule 3745-21-10(B). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

6.8 pounds of VOC per hour

Applicable Compliance Method:

Compliance shall be demonstrated based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.083 pound VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

8.3 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated though the record keeping requirements of d) of this permit. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.083 pound VOC per job).

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

9. P305, Topcoat/E-Coat/Anti-Chip Sanding

Operations, Property and/or Equipment Description:

E-coat, anti-chip and topcoat sanding stations, controlled by 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 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	see b)(2)a., b. and c.
b.	OAC rule 3745-17-07(A)(1)	see b)(2)d.
c.	OAC rule 3745-17-07(B)(1)	see b)(2)d.
d.	OAC rule 3745-17-08(B), (B)(3)	see b)(2)d.
e.	OAC rule 3745-17-11(B)(1)	see b)(2)d.
f.	OAC rule 3745-31-10 thru 20	see b)(2)e., f., g. and h.

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-10 thru 20.

b. The permittee shall permit no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

c. Visible particulate emissions shall not exceed 5% opacity as a 6-minute average from any stack serving this emissions unit.

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 combined emissions of PE from the sanding operations associated with the E-coat line (K301), the antichip line (K302) and topcoat line (K303) shall not exceed 1.9 pounds per hour or 2.25 tons per rolling, 12-month period.

f. The combined emissions of PM10 from the sanding operations associated with the E-coat line (K301), the antichip line (K302) and topcoat line (K303) shall not exceed 0.62 pound per hour or 0.75 ton per rolling, 12-month period.

g. The permittee shall install and maintain a dust collection system with a minimum 98% capture and control efficiency for all particulate emissions from all sanding operations comprising this emissions unit.

h. The annual emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c) Operational Restrictions

(1) All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain daily records that document any periods when a dry filtration system was not in service when the respective emissions source was in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. each day when any dry filtration system was not in service when the respective emissions source was in operation.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the sanding station(s) shall be determined in accordance with the following methods(s):

a. Emission Limitation:

Visible particulate emissions shall not exceed 5% opacity as a 6-minute average from any stack serving this emissions unit.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.9 pounds of PE per hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

2.25 tons of PE per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the PE emission limitation based on a one-time calculation of the worst case operating scenario (200,064 jobs/year). Therefore, if compliance is shown with the hourly emission limitation at the worst case operating scenario (82 jobs/hour), compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.62 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0075 pound PM10/job). If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

The combined emissions of PM10 from the sanding operations associated with the E-coat line (K301), the antichip line (K302) and topcoat line (K303) shall not exceed 0.75 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed based on a one-time calculation of the worst case operating scenario (200,064 jobs/hour) and a company supplied emissions factor (0.0075 pound PM10/job). Therefore, if compliance is shown with the hourly emission limitation at the worst case operating scenario (82 jobs/hour), compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d). If required, compliance shall be determined through emissions testing at the inlet and outlet of the control device performed in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

10. P306, Paint Sludge Dryer

Operations, Property and/or Equipment Description:

Paint sludge dryer controlled by 7.5 MMBtu/hr RTO

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
Paint sludge dryer with 7.5 mmBtu/hr thermal oxidizer		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	particulate emissions (PE) emissions shall not exceed 1.72 lb/hr, PE emissions shall not exceed 7.54 TPY, Visible emissions shall not exceed 5%, as a six-minute average, volatile organic compound (VOC) emissions shall not exceed 0.01 lb/hr, VOC emissions shall not exceed 0.05 TPY, and See b)(2) a.
b.	OAC rule 3745-17-11(B)(1)	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.	OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). See b)(2)c.
7.5 mmBtu/hr thermal oxidizer combustion emissions		
d.	OAC rule 3745-31-05(A)(3) (PTI 04-01358, modified 1/31/2008)	0.083 pound of CO per mmBtu, 0.62 pound per hour of CO, 2.7 tons of CO per year, 0.64 pound per hour of NOx, 2.8 tons of NOx per year, 0.0006 pound of SO2 per mmBtu, 0.01 pound of SO2 per hour,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.05 ton of SO2 per year, 0.085 pound of NOx per mmBtu 0.0019 pound PE per mmBtu, 0.0075 pound of PM10 per mmBtu, and See b)(2)a., b., e., g., and h.
e.	OAC rule 3745-31-10 thru 20	0.085 pound of nitrogen oxides (NOx) per mmBtu 0.64 pound of NOx per hour, 2.8 tons of NOx per year, 0.0019 pound of PE per mmBtu 0.014 pound of PE per hour, 0.06 ton of PE per year, 0.0075 pound of particulate emissions less than 10 microns in diameter (PM10) per mmBtu 0.06 pound of PM10 per hour, 0.26 ton of PM10 per year, and see b)(2)g. and i.
f.	OAC rule 3745-31-21 thru 27	0.085 pound of nitrogen oxides (NOx) per mmBtu 0.64 pound of NOx per hour, 2.8 tons of NOx per year, and see b)(2)f. and g.

(2) Additional Terms and Conditions

a. These emissions limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-10 thru 27.

This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by Ohio EPA or U.S. EPA.

c. The permittee shall operate and maintain thermal oxidizers, with a 100% capture efficiency and a minimum of 95 percent control efficiency, to control VOC

emissions from the sludge dryer. The thermal oxidizer shall be installed, operated and maintained in accordance with the manufacturer's recommendations with any amendments deemed necessary by the permittee.

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 average combustion temperature within any thermal oxidizer, for any 3-hour block of time when the oxidizer is in operation as a VOC control device for compliance purposes, shall not be below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

f. The combustion product emissions from the thermal oxidizer controlling emissions from K301, K303, K404, K405, and P306 shall not exceed;

2.7 tons of CO per year,

2.8 tons of NOx per year,

0.06 ton of PE per year

0.25 tons of PM10 per year,

0.05 ton of SO2 per year,

as a rolling 12-month summation.

g. Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

h. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 36.40 tons of CO per rolling, 12-month period, and

ii. 9.19 tons of SO2 per rolling, 12-month period.

i. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period,

ii. 1.09 tons of PE per rolling, 12-month period, and

iii. 3.65 tons of PM10 per rolling, 12-month period.

c) Operational Restrictions

(1) The permittee shall burn only natural gas as fuel in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The maximum annual production rate through the topcoat operation not exceed 200,064 jobs (painted automobiles), based upon a rolling, 12-month summation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall operate the thermal oxidizer whenever the respective emission source is in operation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall operate and maintain a continuous temperature monitor(s) and recorder(s) which measures and records the combustion temperature within each thermal oxidizer when the oxidizer is in operation. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor(s) and recorder(s) shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any amendments deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall properly operate and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer’s recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 and P306

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (11), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boilers, B301 and B304.) These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established forB303, B305 through B310, K301, K302, K303, K404, K405, and P306. in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (12) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (13) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 and P306

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the total CO, NOx, PM10 and SO2 emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from B301, B303 through B310, K301, K302, K303, P306, K404 and K405, as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(11) The permittee shall maintain monthly records of the following information for this emissions unit:

a. the rolling, 12-month summation of the monthly VOC emission rates (controlled), in tons;

b. the rolling 12-month summation jobs produced off of the paint shop.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. each day when a fuel other than natural gas was burned in this emissions unit.

b. temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within any thermal oxidizer, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

c. an identification of each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the operational restrictions specified in c), and the actual cumulative quantity of fuel burned for each such month.

d. an identification of each month of the calendar quarter during which the annual production rate through the topcoat operation exceeded the operational restrictions specified in c), and the actual cumulative annual production rate for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the sludge dryer shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation

1.72 pounds of PE per hour

Applicable Compliance Method

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation

7.54 tons of PE per year

Applicable Compliance Method

This emission limitation was established to reflect the potential to emit for this emissions unit. Compliance may be demonstrated through calculations performed as follows. Multiply the short term emission rate of 1.72 pounds of PE per hour by 8,760 hours per year and divide by 2,000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation

0.01 pound of VOC per hour

Applicable Compliance Method

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 24 or 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10. Alternate, equivalent test methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation

0.05 ton of VOC per year

Applicable Compliance Method

This emission limitation was established to reflect the potential to emit for this emissions unit. Compliance may be demonstrated through calculations performed as follows. Multiply the short term emission rate of 0.01 pounds of VOC per hour by 8,760 hours per year and divide by 2,000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method

Compliance shall be demonstrated based upon the monitoring and recordkeeping requirements specified in d). If required, compliance shall be determined through emissions testing at the inlet and outlet of the control device performed in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) Compliance with the emission limitation(s) for the 7.5 mmBtu/hr thermal oxidizer shall be determined in accordance with the following methods(s):

a. Emission Limitation;

5% opacity, as a six-minute average

Applicable Compliance Method;

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

0.62 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

2.7 tons of CO per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu per hour and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.64 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

2.8 tons of NOx per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the oxidizers burners, 7.5 mmBtu per hour and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.014 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the oxidizers burners 7.5 mmBtu/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.06 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) maximum heat input of the oxidizers burners 7.5 mmBtu/hr and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.06 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.26 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr, by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru

4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the potential to emit for this emissions unit. This emission limitation was developed by multiplying the maximum heat input of the oxidizer burners, 7.5 mmBtu/hr by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

11. Emissions Unit Group - 14 mmBtu/hr air makeup units: B305, B306, B307, B308, B309, B310,

EU ID	Operations, Property and/or Equipment Description
B305	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner
B306	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner
B307	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner
B308	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner
B309	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner
B310	14.00 MMBtu/hr natural-gas fired air make up unit w/low NOx burner

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 04-01358, modified 1/31/2008)	0.083 pound of carbon monoxide (CO) per mmBtu, 1.2 pounds CO per hour, 5.3 tons of CO per year, 1.2 pounds of nitrogen oxides (NOx) per hour, 5.3 tons of NOx per year, 0.03 pound of particulate emissions (PE) per hour, 0.13 ton of PE per year, 0.11 pound of particulate emissions less than 10 microns in diameter (PM10) per hour, 0.5 ton of PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.05 ton of SO2 year, 0.01 pound of SO2 per hour, 0.08 pound of volatile organic compounds (VOC) per hour, 0.35 ton of VOC per year, and see b)(2)a., b. and c.
b.	OAC rule 3745-17-07(A)(1)	See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-10(B)(1)	See b)(2)d.
d.	OAC rule 3745-18-06(A)	See b)(2)e.
e.	OAC rule 3745-31-05(D)	See b)(2)f.
f.	OAC rule 3745-31-10 thru 20	0.085 pound NOx per mmBtu, 0.0019 pound of PE per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)g.
g.	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see b)(2)h.

(2) Additional Terms and Conditions

a. Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D) and OAC rules 3745-31-10 thru 20.

c. The annual emission limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

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. OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment when this emissions unit employs only natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

f. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 36.40 tons of CO per rolling, 12-month period, and

ii. 9.19 tons of SO2 per rolling, 12-month period.

g. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period,

ii. 1.09 tons of PE per rolling, 12-month period, and

iii. 3.65 tons of PM10 per rolling, 12-month period.

h. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 37.89 tons of NOx per rolling, 12-month period, and

ii. 2.36 tons of VOC per rolling, 12-month period.

i. The combined installed heat input capacity of makeup air units and B305 thru B310, shall not exceed 280 mmBtu/hr.

c) Operational Restrictions

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall properly operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint shop facility. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., the quantity of gas measured in (3), above less the quantity of natural gas burned in the energy center boilers, B301 and B304).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306 (i.e., all emissions units located at the paint shop facility less the quantity of natural gas burned in the energy center boiler, B301 and B304.). These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established in b)(1) of this permit by the total quantity of natural gas (in cubic feet per month) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B303, B305 through B310, K301, K302, K303, K404, K405, and P306 as recorded in paragraph (4) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B303, B305 through B310, K301, K302, K303, K404, K405, and P306, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B303, B305 through B310, K301, K302, and K303 as recorded in paragraph (5) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from all combustion processes (B301, B303 through B310, K301, K302, K303, P306, K404 and K405) as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. Each day when a fuel other than natural gas was burned in this emissions unit.

b. Each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302, and K303 exceeded the operational restrictions specified in c), and the actual cumulative quantity of fuel burned for each such month.

c. Each month of the calendar quarter during which the quantity of CO, NOx, PE, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the emissions limitations specified in b)(1), and the actual cumulative quantity of CO, NOx, PE, PM10, SO2 and VOC for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

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

a. Emission Limitation:

visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.2 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

5.3 tons of CO per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 95 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

1.2 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

5.3 tons of NOx per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.03 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.13 ton of PE per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.11 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.5 ton of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

o. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

p. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

r. Emission Limitation:

0.08 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (14 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

s. Emission Limitation:

0.35 ton of VOC per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (14 mmBtu per hour) and 8760 hours per year, and then dividing by 2000 pounds per ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

t. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

12. Emissions Unit Group - NG boilers: B301, B304,

EU ID	Operations, Property and/or Equipment Description
B301	20.40 MMBtu/hr hot water generator
B304	20.40 MMBtu/hr hot water generator

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 04-01358, modified 1/31/2008)	0.083 pound carbon monoxide (CO) per mmBtu when combusting only natural gas (gas), 0.036 pound CO per mmBtu when combusting only fuel oil (oil), 1.7 pounds of CO per hour (gas), 0.73 pound of CO per hour (oil), 7.5 tons of CO per year, 0.72 pound of nitrogen oxides (NOx) per hour (gas), 1.5 pounds of NOx per hour (oil). 3.5 tons of NOx per year, 0.04 pound of particulate emissions (PE) per hour (gas), 0.31 pound of PE per hour (oil), 0.27 ton of PE per year, 0.15 pound of PM10 per hour (gas), 0.5 pound of PM10 per hour (oil), 0.78 ton of PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu (gas), 0.51 pound SO2 per mmBtu (oil), 0.01 pound SO2 per hour (gas), 10.4 pounds SO2 per hour (oil), 3.64 tons of SO2 year, 0.11 pound of volatile organic compounds (VOC) per hour (gas),

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.03 pound of VOC per hour (oil), 0.5 ton of VOC per year, and see b)(2)a., b. and c.
b.	OAC rule 3745-17-07(A)(1)	see b)(2)d.
c.	OAC rule 3745-17-10(B)(1)	see b)(2)d.
d.	OAC rule 3745-18-06(A)	see b)(2)e.
e.	OAC rule 3745-18-06(D)	see b)(2)f.
f.	OAC rule 3745-31-05(D)	see b)(2)g.
g.	OAC rule 3745-31-10 thru 20	0.035 pound of NOx per mmBtu (gas), 0.072 pound of NOx per mmBtu (oil), 0.0019 pound of PE per mmBtu (gas), 0.015 pound PE per mmBtu (oil), 0.0075 pound of PM10 per mmBtu (gas), 0.024 pound of PM10 per mmBtu (oil), and see b)(2)h.
h.	OAC rule 3745-31-21 thru 27	0.035 pound of NOx per mmBtu (gas), 0.072 pound of NOx per mmBtu (oil), 0.0054 pound of VOC per mmBtu (gas), 0.0015 pound of VOC per mmBtu (oil), and see b)(2)i.
i.	40 CFR Part 60, Subpart Dc	see b)(2)j.
j.	40 CFR Part 63, Subpart A	see b)(2)k.
k.	40 CFR Part 63.52(a)(2)	see b)(2)l.

(2) Additional Terms and Conditions

a. Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-18-06(D), OAC rule 3745-31-05(D), and OAC rules 3745-31-10 thru 27.

c. The hourly and annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

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. When firing natural gas only: OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment when this emissions unit employs only natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less

than 0.6 pound per million standard cubic feet). Because the natural gas burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

f. The quality of the oil burned in this emissions unit shall meet the following specifications on an "as received" basis: a sulfur content which is equal to or less than 0.5 weight percent sulfur.

g. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 36.40 tons of CO per rolling, 12-month period, and

   ii. 9.19 tons of SO2 per rolling, 12-month period.

h. The combined emissions from the combustion of fuel oil and natural gas B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period,

   ii. 1.09 tons of PE per rolling, 12-month period, and

   iii. 3.65 tons of PM10 per rolling, 12-month period.

i. The combined emissions from the combustion of fuel oil and natural gas in B301 through K301, K302, K303, K404, K405, and P306 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period, and

   ii. 2.36 tons of VOC per rolling, 12-month period.

j. The permittee shall comply with the applicable provisions of 40 CFR 60 Subpart Dc.

k. 40 CFR Part 63, Subpart A provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

l. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

   If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock

for submittal of a 112(j) application does not begin until such notification is made by Ohio EPA or U.S. EPA.

c) Operational Restrictions

(1) The permittee shall burn only natural gas and/or no. 2 fuel oil as fuel in this emissions unit. No prior notice is required for the permittee to change the operating fuel between natural gas and fuel oil.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The maximum annual fuel usage for this emissions unit shall not exceed 250,000 gallons, based upon a rolling, 12-month summation of the fuel oil usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The maximum annual natural gas usage for B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed 845 mmscf, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For each day during which the permittee burns a fuel other than natural gas and/or no. 2 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the oil supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294 for sulfur content and ASTM method D240 for heat content. A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Alternative, equivalent methods may be used upon written approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content and the calculated SO2 emission rate (pounds/mmBtu).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall properly operate and maintain equipment to monitor the total quantity of natural gas (in million cubic feet) and fuel oil (in gallons) burned while this emissions unit is in operation. The monitoring equipment shall be calibrated, operated,

and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall maintain monthly records of the total quantity of natural gas (in million cubic feet per month) and fuel oil (in gallons per month) burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from this emissions unit as a summation of the emissions from burning natural gas and the emissions from burning fuel oil. The emissions from burning natural gas shall be calculated by multiplying by the total quantity of natural gas (in million cubic feet) burned in this emissions unit, by a heating value of 1020 mmBtu per mmscf, and by the respective emissions limitations (in pounds per mmBtu) established in b)(1). of this permit. The emissions from burning fuel oil shall be calculated by multiplying by the total quantity of fuel oil (in gallons) burned in this emissions unit, by a heating value of 140 million Btu per 1000 gallons, and by the respective emissions limitations (in pounds per mmBtu) established in b)(1) of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from this emissions unit, in tons as a rolling, 12-month summation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B301, B303 through B310, K301, K302, K303, K404, K405 and P306. These fuel usages shall be calculated as a summation of the fuel usage from B301, B303 through B310, K301, K302, K303, K404, K405 and P306, as recorded in d) of each combustion process comprising this permit (i.e., B301, B303 through B310, K301, K303, K404, K405, and P306).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from B301, B303 through B310, K301, K302, K303, P306, K404 and K405, as recorded in d)

of each combustion process comprising this permit (i.e., B301, B303 through B310, K301, K302, K303, K404, K405 and P306.)

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. a certified statement, on a quarterly basis, including copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (%) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

i. the calendar period covered in the report;

ii. the calculated SO2 emission rate (pound/mmBtu) for each shipment of no. 2 fuel oil received during the reporting period; and

iii. reasons for any noncompliance with the emissions standards and a description of the corrective actions taken.

If no oil was received in the subject quarter, the permittee shall submit a statement documenting that no oil was received in lieu of the certified statement above.

b. each day when a fuel other than natural gas and/or no. 2 fuel oil was burned in this emissions unit.

c. each month of the calendar quarter during which the quantity of fuel oil burned in this emissions unit exceeded the operational restrictions specified in c)(2), and the actual cumulative quantity of fuel oil burned for each such month.

d. each month of the calendar quarter during which the quantity of natural gas burned in B301, B303 through B310, K301, K302,K303, K404, K405, and P306 exceeded the operational restrictions specified in c)(3), and the actual cumulative quantity of natural gas burned for each such month.

e. each month of the calendar quarter during which the quantity of CO, NOx, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 exceeded the emissions limitations specified in b)(2)h. through j., and the actual cumulative quantity of CO, NOx, PM10, SO2 and VOC for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

f) Testing Requirements

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

a. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitation (natural gas):

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

c. Emission Limitation (natural gas):

1.7 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

d. Emission Limitation (fuel oil):

0.036 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 5 pounds of CO per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

e. Emission Limitation (fuel oil):

0.73 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.036 pound of CO per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

f. Emission Limitation:

7.5 tons of CO per year.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning natural gas results in a greater rate of emissions of CO than burning #2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the allowable emission limitation for natural gas (0.083 pound of CO per mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8760 hr/yr) and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the allowable emission limitation for natural gas, compliance shall also be shown with the annual emission limitation.

g. Emission Limitation (natural gas):

0.035 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 32 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

h. Emission Limitation (natural gas):

0.72 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.035 pound of NOx per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

i. Emission Limitation (fuel oil):

0.072 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 10 pounds of NOx per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

j. Emission Limitation (fuel oil):

1.5 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.072 pound of NOx per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

k. Emission Limitation:

3.5 tons of NOx per year.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning no. 2 fuel oil results in a greater rate of emissions of NOx than burning natural gas, compliance with this emission limitation requires a determination of the maximum contribution made by the combustion of fuel oil. The maximum NOx emissions from fuel oil may be calculated by multiplying the allowable emission limitation for #2 fuel oil (0.072 pound of NOx per mmBtu) by the fuel oil heating value (0.140 million Btu per gallon) and the maximum allowable annual fuel usage (250,000 gallons per year) and then dividing by 2000 lb/ton.

The maximum contribution of natural gas to the annual emissions of NOx may be calculated by multiplying the allowable emission limitation for natural gas (0.035 pound of NOx per mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8060 hr/yr) and then dividing by 2000 lb/ton. The maximum hours of operation (8060 hr/yr) represents 8760 hours per year minus the number of hours the emissions unit operates on fuel oil: equal to the maximum allowable annual fuel usage (250,000 gallons) per year multiplied the fuel oil heating value (0.140 million Btu per gallon) and divided by the maximum rate of fuel usage (20.4 mmBtu/hr).

l. Emission Limitation (natural gas):

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

m. Emission Limitation (natural gas):

0.04 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

n. Emission Limitation (fuel oil):

0.015 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and an emission factor of 2 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

o. Emission Limitation (fuel oil):

0.31 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.015 pound of PE per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

p. Emission Limitation:

0.27 ton of PE per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning no. 2 fuel oil results in a greater rate of emissions of PE than burning natural gas, compliance with this emission limitation requires a determination of the maximum contribution made by the combustion of fuel oil. The maximum PE emissions from fuel oil may be calculated by multiplying the allowable emission limitation for #2 fuel oil (0.01 pound of PE per mmBtu) by the fuel oil heating value (0.140 million Btu per gallon) and the maximum allowable annual fuel usage (250,000 gallons per year) and then dividing by 2000 lb/ton.

The maximum contribution of natural gas to the annual emissions of PE may be calculated by multiplying the allowable emission limitation for natural gas (0.0019 pound of PE per mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8060 hr/yr) and then dividing by

2000 lb/ton. The maximum hours of operation (8060 hr/yr) represents 8760 hours per year minus the number of hours the emissions unit operates on fuel oil: equal to the maximum allowable annual fuel usage (250,000 gallons) per year multiplied the fuel oil heating value (0.140 million Btu per gallon) and divided by the maximum rate of fuel usage (20.4 mmBtu/hr).

q. Emission Limitation (natural gas):

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

r. Emission Limitation (natural gas):

0.15 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

s. Emission Limitation (fuel oil):

0.024 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d). and an emission factor of 3.3 pounds of particulate emissions per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix

M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

t. Emission Limitation (fuel oil):

0.5 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.024 pound of PM10 per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

u. Emission Limitation:

0.78 ton of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning no. 2 fuel oil results in a greater rate of emissions of PM10 than burning natural gas, compliance with this emission limitation requires a determination of the maximum contribution made by the combustion of fuel oil. The maximum PM10 emissions from fuel oil may be calculated by multiplying the allowable emission limitation for #2 fuel oil (0.024 pound of PM10 per mmBtu) by the fuel oil heating value (0.140 million Btu per gallon) and the maximum allowable annual fuel usage (250,000 gallons per year) and then dividing by 2000 lb/ton.

The maximum contribution of natural gas to the annual emissions of PM10 may be calculated by multiplying the allowable emission limitation for natural gas (0.0075 pound of PM10 per mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8060 hr/yr) and then dividing by 2000 lb/ton. The maximum hours of operation (8060 hr/yr) represents 8760 hours per year minus the number of hours the emissions unit operates on fuel oil: equal to the maximum allowable annual fuel usage (250,000 gallons) per year multiplied the fuel oil heating value (0.140 million Btu per gallon) and divided by the maximum rate of fuel usage (20.4 mmBtu/hr).

v. Emission Limitation (natural gas):

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air

Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

w. Emission Limitation (natural gas):

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

x. Emission Limitation (fuel oil):

0.51 pound of SO2 per mmBtu

Applicable Compliance Method:

When firing no. 2 fuel oil, compliance may be demonstrated based upon the monitoring and record keeping requirements of d). and the calculation specified in OAC rule 3745-18-04(F)(2).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

y. Emission Limitation (fuel oil):

10.4 pounds of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.51 pound of SO2 per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru

4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

z. Emission Limitation:

3.64 tons of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning no. 2 fuel oil results in a greater rate of emissions of SO2 than burning natural gas, compliance with this emission limitation requires a determination of the maximum contribution made by the combustion of fuel oil. The maximum SO2 emissions from fuel oil may be calculated by multiplying the allowable emission limitation for #2 fuel oil (0.51 pound of SO2 per mmBtu) by the fuel oil heating value (0.140 million Btu per gallon) and the maximum allowable annual fuel usage (250,000 gallons per year) and then dividing by 2000 lb/ton.

The maximum contribution of natural gas to the annual emissions of SO2 may be calculated by multiplying the allowable emission limitation for natural gas (0.0006 pound of SO2 per mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8060 hr/yr) and then dividing by 2000 lb/ton. The maximum hours of operation (8060 hr/yr) represents 8760 hours per year minus the number of hours the emissions unit operates on fuel oil: equal to the maximum allowable annual fuel usage (250,000 gallons) per year multiplied the fuel oil heating value (0.140 million Btu per gallon) and divided by the maximum rate of fuel usage (20.4 mmBtu/hr).

aa. Emission Limitation (natural gas):

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

bb. Emission Limitation (natural gas):

0.11 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

cc. Emission Limitation (fuel oil):

0.0015 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and an emission factor of 0.2 pound of VOC per 1000 gallons and a heating value of 140 million Btu per 1000 gallons from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.3, Table 1.3-1, dated 9/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

dd. Emission Limitation (fuel oil):

0.03 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0015 pound of VOC per mmBtu) by the maximum heat input of the burners (20.4 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

ee. Emission Limitation:

0.5 ton of VOC per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Since burning natural gas results in a greater rate of emissions of PM10 than burning no. 2 fuel oil, compliance with this emission limitation may be demonstrated by multiplying the allowable emission limitation for natural gas (0.0054 pound of VOC per

mmBtu) by the maximum rate of fuel usage (20.4 mmBtu/hr) and by the maximum annual hours of operation (8760 hr/yr) and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the allowable emission limitation for natural gas, compliance shall also be shown with the annual emission limitation.

ff. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

g) Miscellaneous Requirements

(1) None.

13. Emissions Unit Group - off-line repair spray booths: K404, K405,

EU ID	Operations, Property and/or Equipment Description
K404	Off-line repair booth with dry filtration, 5 MMBtu/hr natural gas-fired low NOx spoven, sanding stations
K405	Off-line repair booth with dry filtration, 5 MMBtu/hr natural gas-fired low NOx spoven, sanding stations

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
automotive off-line repair booth with dry filtration		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-01359, modified 5/3/2007; PTI 04-1358, modified 1/31/08 and PTI P0104249, issued 8/31/09)	2.4 tons of particulate emissions (PE) per year, 0.62 tons of PM10 per year, 14.5 tons of volatile organic compounds (VOC) per year, 5% opacity as a 6-minute average, and see b)(2)a., b., and m.
b.	OAC rule 3745-17-07(A)(1)	See b)(2)c.
c.	OAC rule 3745-17-11(B)(1)	0.551 pound PE per hour.
d.	OAC rule 3745-21-09(C)(1)(d)	See b)(2)d.
e.	OAC rules 3745-31-10 thru 20	0.0015 grain per dry standard cubic foot (gr/dscf) of particulate matter as PM10, and see b)(2)e.
f.	OAC rules 3745-31-21 thru 27	See b)(2)d. and The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII..
g.	40 CFR Part 63 Subpart A (40 CFR 63.3176)	Applicable general provisions to Subpart IIII (40 CFR 63.1-15)
h.	40 CFR Part 63 Subpart IIII [40 CFR 63.3091(a)]	The permittee shall comply with: a. 0.60 lb/gal of combined organic

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	[40 CFR 63.3092(a)] [40 CFR 60.3092(b)]	hazardous air pollutants (HAP) emissions of applied coating solids from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis, or b. no more than 1.10 lb/gal of combined HAP emissions of applied coating solids from primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operation plus all coatings and thinners, except deadeners and sealers and adhesives not a part of glass bonding systems, calculated on a monthly averaged basis. The permittee may switch its applicable requirements between emissions limits in a. or b. At the beginning of any month, upon notifying the Agency at least 7 days prior to the switch.
indirect fired 5 mmBtu natural gas fired infrared oven		
i.	OAC rule 3745-31-05(A)(3) (PTI 04-01359, modified 5/3/2007; PTI 04-1358, modified 1/31/08 and PTI P0104249, issued 8/31/09)	1.9 tons of carbon monoxide (CO) per year, 1.9 tons of nitrogen oxides (NOx) per year, 0.0019 pound PE per mmBtu, 0.05 ton per year of PE, 0.17 ton PM10 per year, 0.02 ton of sulfur dioxide (SO2) year, 0.12 ton of volatile organic compounds (VOC) per year, and 5% opacity as a 6 minute average, and see b)(2)g.
j.	OAC rule 3745-17-07(A)(1)	See b)(2)c.
k.	OAC rule 3745-17-10(B)(1)	See b)(2)c.
l.	OAC rule 3745-18-06(A)	See b)(2) h.
m.	OAC rule 3745-31-05(D)	0.083 pound CO per mmBtu, 0.0006 pound SO2 per mmBtu, and

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		see b)(2)i.
n.	OAC rule 3745-31-10 thru 20	0.0075 pound PM10 per mmBtu, see b)(2)e.
o.	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see b)(2)j., l, and n.
p.	40 CFR Part 63 Subpart A	See b)(2)f.
q.	40 CFR Part 63.52(a)(2)	See b)(2)k.
sanding station(s)		
r.	OAC rule 3745-31-05(A)(3) (PTI 04-01359, modified 5/3/2007; PTI 04-1358, modified 1/31/08 and PTI P0104249, issued 8/31/09)	2.4 tons of PE per year, 5% opacity as a 6 minute average, and see b)(2)b. and l.
s	OAC rule 3745-17-07(A)(1)	See b)(2)c.
t.	OAC rule 3745-17-11(B)(1)	0.551 pound PE per hour.
u.	OAC rule 3745-31-10 thru 20	0.0015 gr/dscf of PM10, and see b)(2)m.

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

b. No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

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

d. 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents.

e. The combined emissions from the combustion of fuel oil and natural gas in B301 through B333, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

i. 1.09 tons of PE per rolling, 12-month period

ii. 3.65 tons of PM10 per rolling, 12-month period

f. The combined emission from the sanding and coating in all repair operations (K404 thru K405) shall not exceed 0.62 tons of PM10 per rolling, 12-month period.

g. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C), and OAC rules 3745-31-10 thru 27.

h. OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment associated with this emissions unit because the

emissions unit only employs natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas being burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

i. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 36.40 tons of CO per rolling, 12-month period, and

   ii. 9.19 tons of SO2 per rolling, 12-month period.

j. The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

   i. 37.89 tons of NOx per rolling, 12-month period, and

   ii. 2.36 ton of VOC per rolling, 12-month period.

k. This emissions unit is subject to a case-by-case MACT determination pursuant to section 112(j) of the Clean Air Act (CAA) due to the June 8, 2007 D.C. Circuit Court of Appeals decision to vacate the Boiler MACT (40 CFR Part 63, Subpart DDDDD).

   If notified by the Ohio EPA or U.S. EPA, the permittee shall submit an application for a revision to this Title V permit that meets the requirements of 40 CFR 63.52(a)(2) pertaining to case-by-case MACT determinations. The 30-day clock for submittal of a 112(j) application does not begin until such notification is made by the Ohio EPA or U.S. EPA.

l. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1) and OAC rules 3745-31-10 thru 20.

m. The dry filtration system shall provide a control efficiency of no less than 98% by weight.

n. The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of this permit.

c) Operational Restrictions

(1) All of the operations comprising this emissions unit shall be fully enclosed and all emissions shall be exhausted through a dry filtration system.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

(3) The total installed exhaust filtration rate from the sanding and coating repair operations located at the paint shop facility (K404 and K405) shall not exceed 11,000 scfm.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall burn only natural gas in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The maximum annual fuel usage for all emissions units located at the paint shop facility shall not exceed 845 mmscf of natural gas, based upon a rolling, 12-month summation of the natural gas usage figures.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The maximum annual volume of coatings applied in the repair operations located at the paint shop facility (K404 and K405) shall not exceed 2,000 gallons per year, based upon a rolling, 12-month summation of the volume usage figures.

(7) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3092(b)	Capture and collection system requirements established pursuant to this rule.
b.	63.3093(a), (b) and (c) and 63.3094(b) and (c)	Site specific operating, limits for capture system including compliance with c)(6).
c.	63.3100	Startup, shutdown, and malfunction plan
d.	63.3163	Specific operating limits to demonstrate continuous compliance

[Authority for term: OAC rule 3745-77-07(C)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee may elect to comply with the emissions limitation for VOC content as a monthly maximum for all coating repair operations, or as a daily volume weighted average of the materials used in this emissions unit. This election shall be made by advance written notification to the Director (Toledo Division of Environmental Services) and shall remain in effect on a calendar month basis.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) When compliance is being demonstrated through the use of compliance coatings, the permittee shall collect and record the following information each month for all coating repair operations located at the paint shop facility K404 and K405):

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.

c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall collect and record the following information each day for this emissions unit K404 and K405):

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

b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied;

c. the daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

USEPA Methods 24 and 24A shall be used to determine the VOC contents for the coatings utilized in this emissions unit. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The permittee shall maintain monthly records of the rolling 12-month total quantity of all coatings, in gallons, employed in all repair operations located at the paint shop facility (K404 and K405). These quantities shall be calculated as a summation of the coating usages recorded in each permit.

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

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

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

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

If the daily checks show no visible emissions for 30 consecutive operating days, the required frequency of visible emissions checks may be reduced to weekly (once per week, when the emissions unit is in operation). If a subsequent check by the permittee or an Ohio EPA inspector indicates visible emissions, the frequency of emissions checks shall revert to daily until such time as there are 30 consecutive operating days of no visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(6) The permittee shall perform weekly checks, when this emissions unit is in operation, for any visible fugitive emissions from the enclosure serving this emissions unit. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

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

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

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

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d. above or continue the weekly check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(7) The permittee shall properly install, operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the paint

shop facility. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any modifications deemed necessary by the permittee.

The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in all emissions units located at the paint shop facility.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(8) The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in all small natural gas combustion sources located at the paint shop facility

The permittee shall maintain monthly records of the total the total CO, NOx, PM10, SO2 and VOC emissions from all small natural gas combustion sources) These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for all small natural gas combustion sources in b)(1)of this permit by the total quantity of natural gas (in cubic feet per month) burned in all small natural gas combustion sources located at this facility.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(9) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in all small natural gas combustion sources. These quantities shall be calculated as a summation of the total quantity of natural gas burned in all small natural gas combustion sources as recorded in paragraph (11) above.

The permittee shall maintain monthly records of the total CO, NOx, PM10, SO2 and VOC emissions from all small natural gas combustion sources, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from all small natural gas combustion sources as recorded in paragraph (12) above.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(10) The permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in all emissions units located at the paint shop facility.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(11) The permittee shall maintain monthly records of the total CO, NOx, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in all emissions units located at the paint shop facility, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the emissions from all combustion processes as recorded d) of each permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(12) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart IIII - National Emission Standards

for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, including the following sections:

a.	63.3130(a) through (h), (g) through (m) through (o)	General recordkeeping
b.	63.3131 and 63.3152	Monitoring and recordkeeping requirements for mass average organic HAP content emission limitation.
c.	63.3163 and 63.3173	Monitoring and recordkeeping requirements including compliance with c)(1) through c)(4).
d.	63.3168(a) through (c)	Continuous parameter monitoring.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:

a. Any monthly record showing that the emissions unit exceeds the applicable coating usage limitation for all coatings employed in all repair operations located at the paint shop facility (K404 and K405).

b. Each day when the dry filtration system was not in service when the respective emissions source was in operation.

c. (i) Identify all days during which any visible particulate emissions were observed from any stack serving this emissions unit and (ii) any corrective actions taken to eliminate the visible particulate emissions.

d. (i) Identify all days during which any visible fugitive emissions were observed from any enclosure serving this emissions unit and (ii) a description of any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions.

e. Each day when a fuel other than natural gas was burned in this emissions unit.

f. Include an identification of each month of the calendar quarter during which the quantity of natural gas burned in all emissions units located at the paint shop facility exceeded the operational restrictions specified in c), and the actual cumulative quantity of fuel burned for each such month.

g. Include an identification of each month of the calendar quarter during which the quantity of CO, NOx, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in all emissions units located at the paint shop facility exceeded the emissions limitations specified in b)(1), and the actual cumulative quantity of CO, NOx, PM10, SO2 and VOC for each such month.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit advance written notification of the election to comply with the emissions limitation for VOC content as a monthly maximum for all coating repair operations, or as a daily volume weighted average of the materials used in this emissions unit. This notification shall be sent to the Director (the Toledo Division of Environmental Services).

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) When compliance is being demonstrated through the use of compliance coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall submit quarterly reports and such other notifications and reports to the appropriate Ohio EPA District Office or Local Air Agency as are required pursuant to 40 CFR Part 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, per the following sections:

a.	63.3120(a)	Compliance reporting requirements
b.	63.3120(b)	Performance test reporting requirements
c.	63.3120(c)	Startup, shutdown, malfunction reporting requirements

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the emission limitation(s) for the repair booth filter exhaust stack shall be determined in accordance with the following method(s):

a. Emission Limitation:

Visible particulate emissions shall not exceed 5% opacity as a 6-minute average from any stack serving this emissions unit.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

0.551 pound of PE per hour

Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lb/hr)

M = maximum coating solids usage rate (lb/hr)

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 - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

2.4 tons of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hr), and then dividing by 7000 gr/lb and 2000 lb/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

0.0015 gr/dscf PM10 per hour

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.62 tons of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.0015 gr/dscf), by the total installed exhaust rate from the sanding operations (11,000 cfm), by 60 minutes per hour, and by the maximum annual hours of operation (8760 hr), and then dividing by 7000 gr/lb and 2000 lb/ton. Therefore, if compliance is shown with the limitation for exhaust concentration, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d). If required, compliance shall be demonstrated by an evaluation performed in accordance with the methods and procedures specified

in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A and OAC rule 3745-21-10(B).

Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility shall not exceed 14.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

This emission limitation was developed by multiplying the VOC emission limitation (4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents), by the maximum rolling, 12-month quantity of coatings employed in all repair operations located at this facility (6,000 gallons excluding water and exempt solvents) and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) Compliance with the emission limitation(s) for the combustion gas exhaust stack shall be determined in accordance with the following method(s):

a. Emission Limitation:

5% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

1.9 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.083 pound of CO per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance may be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e. Emission Limitation:

1.9 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.085 pound of NOx per mmBtu) and by the maximum annual hours of operation (8760 hr), and then

dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance may be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

[Authority for term: OAC rule 3745-77-07(C)(1)]

g. Emission Limitation:

0.05 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

h. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance may be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M.

[Authority for term: OAC rule 3745-77-07(C)(1)]

i. Emission Limitation:

0.17 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

j. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance may be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pound of SO2 emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

[Authority for term: OAC rule 3745-77-07(C)(1)]

k. Emission Limitation:

0.02 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

l. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance may be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btu per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

[Authority for term: OAC rule 3745-77-07(C)(1)]

m. Emission Limitation:

0.12 ton of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0054 pound of VOC per mmBtu) and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

b. Emission Limitation:

The combined emissions from sanding and coating in K404 and K405 shall not exceed 0.62 ton of PM10 per rolling, 12-month period.

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum rate of filtered exhaust (11,000 scfm) times the allowable emission limitation (0.0015 gr/dscf of PM10) by 60 minutes per hour, and by the maximum annual hours of operation (8760 hr), and then dividing by 2000 lb/ton and 7000 grains per pound. Therefore, if compliance is shown with the allowable emission limitation, and total installed exhaust filtration rate is no more than 11,000 cfm, compliance shall also be shown with the annual emission limitation.

[Authority for term: OAC rule 3745-77-07(C)(1)]

c. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility shall not exceed 14.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

This emission limitation was developed by multiplying the VOC emission limitation (4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents), by the maximum rolling, 12-month quantity of coatings employed in all repair operations located at this facility (6,000 gallons excluding water and exempt solvents) and then dividing by 2000 lb/ton.

[Authority for term: OAC rule 3745-77-07(C)(1)]

d. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B301, B303 through B310, K301, K302, K303, P306, K404 and K405 shall not exceed the following:

36.40 tons of CO as a rolling, 12-month summation

37.89 tons of NOx as a rolling, 12-month summation

1.09 tons of PE as a rolling, 12-month summation

3.65 tons of PM10 as a rolling, 12-month summation

9.19 tons of SO2 as a rolling, 12-month summation

2.36 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in d) and the emissions factors demonstrated in f) of the permit for B301, B303 through B310, K301, K302, K303, P306, K404 and K405.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.