John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

7/14/2014

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
Yes	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	MAJOR GHG
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Mr. Roger Brown
Chrysler Group LLC- Wrangler Paint Facility
4400 Chrysler Drive
Toledo, OH 43608

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0448011731
Permit Number: P0117218
Permit Type: Administrative Modification
County: Lucas

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA)Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTI 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 Josh Mandel," 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
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

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. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Toledo Department of Environmental Services at (419)936-3015 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

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

Cc: U.S. EPA
TDES; Michigan; Indiana; Canada

FINAL

Division of Air Pollution Control
Permit-to-Install
for
Chrysler Group LLC- Wrangler Paint Facility

Facility ID:	0448011731
Permit Number:	P0117218
Permit Type:	Administrative Modification
Issued:	7/14/2014
Effective:	7/14/2014

Division of Air Pollution Control
Permit-to-Install
for
Chrysler Group LLC- Wrangler Paint Facility

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Authorization

Facility ID:	0448011731
Facility Description:	Paint Shop portion of Automotive and Light Duty Truck Assembly
Application Number(s):	M0002876
Permit Number:	P0117218
Permit Description:	Administrative modification to correct annual SO2 emission limitation for K301.
Permit Type:	Administrative Modification
Permit Fee:	$0.00
Issue Date:	7/14/2014
Effective Date:	7/14/2014

This document constitutes issuance to:

Chrysler Group LLC- Wrangler Paint Facility
3800 Stickney Avenue
Toledo, OH 43608

of a Permit-to-Install for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (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 Permit-to-Install for the emissions unit(s) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0117218
Permit Description: Administrative modification to correct annual SO2 emission limitation for K301.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	**K301**
Company Equipment ID:	E-Coat
Superseded Permit Number:	P0116596
General Permit Category and Type:	Not Applicable

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.2.a), Severability Clause

(2) Standard Term and Condition A.3.c) through A. 3.e)General Requirements

(3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements

(4) Standard Term and Condition A.9., Reporting Requirements

(5) Standard Term and Condition A.10., Applicability

(6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install

(7) Standard Term and Condition A.14., Public Disclosure

(8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(9) Standard Term and Condition A.16., Fees

(10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

a) 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.

b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they 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 and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

a) 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 re-issuance, or modification.

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, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying 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.

4. Monitoring and Related Record Keeping and Reporting Requirements

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

(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.

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, 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.

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

(1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Toledo Department of Environmental Services.

(2) Quarterly written reports of (i) any deviations from federally enforceable emissionlimitations, operationalrestrictions, andcontroldeviceoperatingparameterlimitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Toledo Department of Environmental Services. The written 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. See A.15. below if no deviations occurred during the quarter.

(3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, andreportingrequirements contained in this permit shall be submitted to the Toledo Department of Environmental Services every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

(4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to theToledo Department of Environmental Servicesin accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

a) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the appropriate Ohio EPA District Office or contracted

local air agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the electronic signature date shall constitute the date that the required application, notification or report is considered to be "submitted". Any document requiring signature may be represented by entry of the personal identification number (PIN) by responsible official as part of the electronic submission process or by the scanned attestation document signed by the Authorized Representative that is attached to the electronically submitted written report.

Any document (including reports) required to be submitted and required by a federally applicable requirement in this 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 ORC section 3704.08.

(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 Toledo Department of Environmental Services 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.

7. Best Available Technology

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

8. 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.

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Toledo Department of Environmental Services.

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Toledo Department of Environmental Services. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, 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.)

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s)not exempt from the requirement to obtain a Permit-to-Install.

11. Construction of New Sources(s) and Authorization to Install

a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the

Director within a reasonable time before the termination date and the permittee shows good cause for any such extension.

c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit 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) by submitting a certification from the authorized 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 authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as “permanently shut down” in “Air Services” along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update electronically will constitute notifying the Director of the permanent shutdown of the affected emissions unit(s).

d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit 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). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

Unless otherwise exempted,no emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31 and OAC Chapter 3745-77 if the restarted operation is subject to one or more applicable requirements.

e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if operation of the proposed new or modified source(s) as authorized by this permit would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d)must be obtained beforeoperating the source in a manner that would violate the existing Title V permit requirements.

13. Construction Compliance Certification

The applicant shall identify the following dates in the "Air Services" facility profile for each new emissions unit identified in this permit.

a) Completion of initial installation date shall be enteredupon completion of construction and prior to start-up.

b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

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

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

16. 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. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

17. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in "Air Services" once the transfer is legally completed.The change must be submitted through "Air Services" within thirty days of the ownership transfer date.

18. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

19. 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.

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. Facility-wide restrictions on natural gas combustion established under the authority of OAC rule 3745-31-05(D) and OAC rules 3745-31-10 thru 27 in PTI 04-01358 as issued Sept 2, 2004 and modified by this permitting action:

   a) Applicable Emissions Limitations:

      (1) The emissions from the combustion of natural gas in B301, B303 through B310, and K301 through K303 shall not exceed the following:

         a. 35.49 tons of CO per rolling, 12-month period,

         b. 21.13 tons of NOx per rolling, 12-month period,

         c. 0.81 ton of PE per rolling, 12-month period,

         d. 3.22 tons of PM10 per rolling, 12-month period,

         e. 0.26 ton of SO2 per rolling, 12-month period, and

         f. 2.33 tons of VOC per rolling, 12-month period.

      (2) These emission limitations were established for PTI purposes to reflect the potential to emit for this emissions unit while combusting a maximum 845 mmscf per year of natural gas. Therefore, if compliance is shown with the fuel usage limitation, compliance shall also be shown with the annual emission limitations.

   b) Operational Restrictions

      (1) The maximum annual natural gas usage for emissions units B301, B303 through B310, and K301 through K303 shall not exceed 845 mmscf, based upon a rolling, 12 month summation of the natural gas usage figures.

      (2) This facility has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of the natural gas upon issuance of this permit.

   c) Monitoring and/or Recordkeeping Requirements

      (1) 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 amendments deemed necessary by the permittee.

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

(3) 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 B301, B303 through B310, and K301 through K303.

d) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that include an identification of all exceedances of the rolling, 12-month natural gas usage limitation, and the actual cumulative quantity of fuel burned for each such month.

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

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

e) Testing Requirements

(1) Compliance with the Emissions Limitations specified in section 2.a) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

35.49 tons of CO per rolling, 12-month period,

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98 (84 pounds of CO per million standard cubic), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

b. Emission Limitation:

21.13 tons of NOx per rolling, 12-month period,

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98 (50 pounds of NOx emissions per million standard cubic

feet), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

c. Emission Limitation:

0.81 ton of PE per rolling, 12-month period,

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 (1.9 pounds of PE per million standard cubic feet), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

d. Emission Limitation:

3.22 tons of PM10 per rolling, 12-month period,

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 (7.6 pounds of PM10 per million standard cubic feet), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

e. Emission Limitation:

0.26 ton of SO2 per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 (0.6 pound of SO2 emissions per million standard cubic feet), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

f. Emission Limitation:

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

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for emissions units B301, B303 through B310, and K301 through K303. Compliance may be demonstrated through calculations performed as follows:

Multiply the natural gas emission factor specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2, dated 7/98 (5.5 pounds of VOC emissions per million standard cubic feet), by the maximum fuel usage rate (845 mmscf per year), and then divide by 2,000 pounds per ton.

3. The following emissions unit contained in this permit is subject to 40 CFR Part 60, Subpart MM: K301. The complete NSPS requirements, including the NSPS 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 Toledo Division of Environmental Services.

4. The following emissions unit contained in this permit is subject to 40 CFR Part 63, Subpart IIII: K301. 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 Toledo Division of Environmental Services.

C. Emissions Unit Terms and Conditions

1. K301, E-Coat

Operations, Property and/or Equipment Description:

Electrodeposition (E-Coat) prime coat of Automobile and/or Light Duty Trucks with regenerative thermal oxidizer (RTO) on oven exhaust

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

(1) g)(1).

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(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 are identified below. 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 and E-coat oven (coating emissions)		
a.	OAC rule 3745-31-05(A)(3) (PTI 04-1358 as issued 9/2/2004)	0.27 pound of volatile organic compounds (VOC) per hour, 1.2 tons of VOC per year, and see b)(2)a. through b(2)d.
b.	OAC rule 3745-21-09(C)(1)(a)(i)	See b)(2)e.
c.	OAC rule 3745-31-21 thru 27 (PTI 04-1358 as issued 9/2/2004)	See b)(2)f. through b)(2)h.
d.	40 CFR Part 60 Subpart A (40 CFR 60.1 through 60.19)	See b)(2)i.
e.	40 CFR Part 60 Subpart MM (40 CFR 60.390 through 60.398) In accordance with 40 CFR 63.390(a), this emissions unit is an automobile or light-duty truck assembly plant prime coat operation subject to the emission limitations/control measures specified in this section.	The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart MM. See b)(2)e. and b)(2)j. [60.392(b)]
f.	40 CFR Part 63 Subpart A (40 CFR 63 .1 through 63.16)	See b)(2)k.
g.	40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176) In accordance with 40 CFR 63.3081(b), this emissions unit is an	See b)(2)l. [63.3091(a) and (b)]

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	existing automobile, or new light-duty truck, surface coating operation located at a facility which is a major source of HAPs subject to the emission limitations/control measures specified in this section.	
14.05 mmBtu/hour direct fired low NOx natural gas E-coat oven burners (combustion emissions)		
i.	OAC rule 3745-31-05(A)(3) (PTI 04-1358 as issued 9/2/2004)	0.083 pound of carbon monoxide (CO) per mmBtu, 1.2 pounds of CO per hour, 5.3 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, 0.12 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, 5% opacity as a 6 minute average, and see b)(2)m. and b)(2)n.
j.	OAC rule 3745-17-07(A)(1)	See b)(2)e.
k.	OAC rule 3745-17-11(B)(1)	See b)(2)o.
l.	OAC rule 3745-18-06(E)	See b)(2)e. and b)(2)p.
m.	OAC rule 3745-31-05(D) (PTI 04-1358 as issued 9/2/2004)	See b)(2)q. and b)(2)r.
n.	OAC rule 3745-31-10 thru 20 (PTI 04-1358 as issued 9/2/2004)	0.085 pound of NOx per mmBtu, 0.0019 pound particulate emissions (PE) per mmBtu, 0.0075 pound of PM10 per mmBtu, and see b)(2)q. and b)(2)s.
o.	OAC rule 3745-31-21 thru 27 (PTI 04-1358 as issued 9/2/2004)	0.085 pound of NOx per mmBtu, and see b)(2)q. and b)(2)t.
Touch up booth controlled by a dry filtration device		
r.	OAC rule 3745-31-05(A)(3) (PTI 04-1358 as issued 9/2/2004	0.05 ton of VOC per year, 5% opacity as a 6 minute average, and see b)(2)u. and b)(2)v.
s.	OAC rule 3745-17-07(B)(1)	See b)(2)e.
t.	OAC rule 3745-17-11(C)(3)	Exemption from the requirements of OAC rule 3745-17-11(C)(1) and (C)(2).
u.	OAC rule 3745-21-09(C)(1)(a)(i)	See b)(2)e.
v.	OAC rule 3745-31-10 thru 20	98% control efficiency for particulate,

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	(PTI 04-1358 as issued 9/2/2004	0.01 pound per hour of PE, 0.05 ton of PE per rolling, 12-month period, 0.01 pound per hour of PM10, and 0.05 ton of PM10 per rolling 12-month period.
w.	OAC rule 3745-31-21 thru 27 (PTI 04-1358 as issued 9/2/2004	0.01 pound per hour of volatile organic compounds (VOC), and see b)(2)f. through b)(2)h.
x.	40 CFR Part 63 Subpart A (40 CFR 63 .1 through 63.16)	See b)(2)k.
y.	40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176) In accordance with 40 CFR 63.3081(b), this emissions unit is an existing automobile, or new light-duty truck, surface coating operation located at a facility which is a major source of HAPs subject to the emission limitations/control measures specified in this section.	See b)(2)l. [63.3091(a) and (b)]
14.0 mmBtu/hour natural gas fired regenerative thermal oxidizer shared by K301 and K303 (combined combustion emissions)		
z.	OAC rule 3745-31-05(A)(3) (as effective 11/30/01) (P0108955 effective 11/16/2011)	1.16 pounds of CO per hour, 5.11 tons of CO per year, 1.19 pounds of nitrogen oxides (NOx) per hour, 5.24 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, 0.50 ton of PM10 per year, 0.009 pound of SO2 per hour, 0.04 ton of SO2 per year, 0.084 pound of VOC per hour, 0.037 ton of VOC per year, 5% opacity as a 6 minute average, and see b)(2)n. and b)(2)w.
aa.	OAC rule 3745-31-05(A)(3)(a)ii) (as effective 12/01/06) (P0108955 effective 11/16/2011)	See b)(2)x.

(2) Additional Terms and Conditions

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

b. The hourly VOC emission limitation above was established for PTI purposes to reflect the controlled potential to emit for this emissions unit based on the worst case operating scenario (82 jobs/hour). Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with this limitation.

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 maximum coating usage in the dip tank, drying oven and touch up booth operations associated with the E-coat line shall be limited by the following formula, calculated as a rolling, 12-month summation:

$$2.1 \text{ tons VOC} \geq \sum_{i=1}^{n} (Q_i)(VOC_i) \div 2000 \text{ pounds/ton})$$

Where:

Q_i = usage of coating material i, gallons of applied coating solids
VOC_i = the mass of VOC (emitted) per volume of coating material *i*, pounds per gallon of applied coating solids.

The permittee has sufficient existing records to demonstrate compliance with this limitation during the first twelve months of operation after issuance of this permit.

g. The combined emissions of VOC from the dip tank, drying oven and touch up booth operations associated with 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.

h. 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.

i. 40 CFR Part 60, Subpart A provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 60.

j. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

k. Table 2 to Subpart IIII of 40 CFR Part 63 provides applicability provisions, definitions, and other general provisions that are applicable to this emissions unit.

l. The combined organic hazardous air pollutant (HAP) emissions from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c), shall not exceed 0.072 kilogram per liter (0.60 pound per gallon) of coating solids deposited during each month, as determined according to the requirements in 63.3161;

or

if each individual material added to the electrodeposition primer system contains no more than 1.0 percent by weight of any organic HAP and 0.10 percent by weight of any organic HAP, or the emissions from all bake ovens used to cure electrodeposition primers are captured and ducted to a control device having a destruction efficiency of at least 95 percent, the combined organic HAP emissions from primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 63.3082(c) shall not exceed 1.32 kg/liter (1.10 lb/gal) of coating solids deposited during each month, determined according to the requirements in 63.3171.

m. 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.

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

o. For purposes of this applicable regulation, the weights of gaseous fuels and combustion air are not considered to be part of the weight of materials introduced to a process. Table I of the Appendix to OAC rule 3745-17-11 does not establish a particulate emission limitation for a process weight rate of zero.

p. 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).

On September 1, 2003, OAC rule 3745-18-06 was revised to delete the following phrase: "having a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet". Therefore, this phrase is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-18-06, the requirements still exists as part of the federally-approved SIP for Ohio.

q. These annual combustion gas emissions limitations were established for PTI purposes to reflect the potential to emit for this facility while combusting natural gas at a facility-wide maximum annual gas usage rate of 845 mmscf based upon a rolling, 12-month summation of the fuel usage figures made enforceable in section B.2. of this permit.

r. The emissions from the combustion of natural gas in B301, B303 through B310, and K301 through K303 shall not exceed the following:

i. 35.49 tons of CO per rolling, 12-month period, and

ii. 0.26 ton of SO2 per rolling, 12-month period.

s. The emissions from the combustion of natural gas in B301, B303 through B310, and K301 thorugh K303 shall not exceed the following:

i. 21.13 tons of NOx per rolling, 12-month period,

ii. 0.81 ton of PE per rolling, 12-month period, and

iii. 3.22 tons of PM10 per rolling, 12-month period.

t. The emissions from the combustion of natural gas in B301, B303 through B310, and K301 through K303 shall not exceed the following:

i. 21.13 tons of NOx per rolling, 12-month period, and

ii. 2.33 tons of VOC per rolling, 12-month period.

u. 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.

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

w. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

x. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

The Best Available Technology requirements under OAC rule 3745-31-05(A)(3) do not apply to the thermal oxidizer combustion emissions of carbon monoxide (CO), nitrogen oxides (NOx), particulate (PE), particulate matter less than or equal to 10 microns in diameter (PM10), sulfur dioxide (SO2), and volatile organic compound (VOC) from this air contaminant source since the uncontrolled potential to emit for CO, NOx, PE, PM10, PM2.5, SO2, and VOC is less than 10 tons per year.

c) Operational Restrictions

(1) The following term shall become void after USEPA approves the OAC rule 3745-18-06 revisions:

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

(2) The following term shall become effective after USEPA approves the OAC rule 3745-18-06 revisions:

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

(3) 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.

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

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

(6) The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

(7) See 40 CFR Part 60 Subpart MM (40 CFR 60.390 through 60.398).

(8) See 40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176).

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.

(2) 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.

(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.

(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 unit 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 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 total VOC emissions from all coatings utilized in the dip tank, drying oven and touch up booth operations associated with the E-coat line, $\sum_{i=1}^{n}(\mathrm{Q}_i)(VOC_i) \div 2000\ \mathrm{pounds/ton})$, in tons per month;

f. the rolling, 12-month summation of VOC emissions from the dip tank, drying oven and touch up booth operations associated with the E-coat line, in tons per year.

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

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

(5) The permittee has sufficient existing records to demonstrate compliance with these limitations during the first twelve months of operation after issuance of this permit

(6) See 40 CFR Part 60 Subpart MM (40 CFR 60.390 through 60.398).

(7) See 40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176).

e) Reporting Requirements

(1) The permittee shall notify the Director of any record showing that the 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 within 30 days after the exceedance occurs.

(2) The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

(3) The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service.

(4) The permittee shall submit 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 more than below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

(5) The permittee shall submit quarterly deviation (excursion) reports that include 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 and the actual VOC emission rate for each such period.

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

(7) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(8) See 40 CFR Part 60 Subpart MM (40 CFR 60.390 through 60.398).

(9) See 40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176).

f) Testing Requirements

Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

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

a. Emission Limitation:

0.27 pound of VOC per hour

Applicable Compliance Method:

This emission 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/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.

b. 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 hrs), and then dividing by 2000 pounds/ton.

c. Emission Limitation:

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.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(4). If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

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. Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

d. Emission Limitation:

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.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(4). Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

e. 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.)

(2) Compliance with the emission limitation(s) for the E-Coat oven burner 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).

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.

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.

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.

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.

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.

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 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.

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 Btus 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).

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 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 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

j. Emission Limitation:

0.12 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 14.05 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 hrs), and then dividing by 2000 pounds/ton.

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.

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 14.05 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.

m. Emission Limitation:

0.46 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 14.05 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 hrs), and then dividing by 2000 pounds/ton.

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 pounds 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.

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/hour 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.

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/hour) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 pounds/ton.

q. The emissions from the combustion of natural gas in B301, B303 through B310, and K301 through K303 shall not exceed the following:

35.49 tons of CO as a rolling, 12-month period

21.13 tons of NOx as a rolling, 12-month period

0.81 ton of PE as a rolling, 12-month period

3.22 tons of PM10 as a rolling, 12-month period

0.26 ton of SO2 as a rolling, 12 month period

2.33 tons of VOC as a rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section B.2.of this permit.

(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).

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).

c. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

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 USEPA approved test methods may be used with prior written approval.

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.

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 for this emissions unit, as follows:

(625 gallons of coating applied per rolling, 12-month period)(15.0 pounds per gallon of coating)(80% solids by weight)(1 - 35% transfer efficiency)] (1-0.98 overall control efficiency) ÷ 2000 pounds per ton = 0.05 ton of PE per rolling, 12-month period.

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.

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 for this emissions unit, as follows:

(625 gallons of coating applied per rolling, 12-month period)(15.0 pounds per gallon of coating)(80% solids by weight)(1 - 35% transfer efficiency)] (1-0.98 overall control efficiency) ÷ 2000 pounds per ton = 0.05 ton of PM10 per rolling 12-month period.

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

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

Applicable Compliance Method:

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

j. Emission Limitation in accordance with 40 CFR Part 60, Subpart MM:

0.17 kilogram of VOC per liter of applied coating solids when R_T is 0.16 or greater, $0.17 \times 350(0.160 - R_T)$ kg of VOC per liter of applied coating solids when

R_T is greater than or equal to 0.040 and less than 0.160 and when R_T is less than 0.040, there is no emission limit

Applicable Compliance Method:

Compliance with the mass average organic HAP content for each compliance period shall be determined according to the methods and procedures of 40 CFR 60.393 through 60.396. Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

k. Emission Limitation in accordance with 40 CFR Part 63, Subpart IIII:

combined HAP emissions shall not exceed 0.072 kilogram per liter (0.60 pound per gallon) of coating solids deposited during each month.

Applicable Compliance Method:

Compliance with the mass average organic HAP content for each compliance period shall be determined according to the methods and procedures of 40 CFR 63.3161. Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

l. Emission Limitation in accordance with 40 CFR Part 63, Subpart IIII:

combined HAP emissions shall not exceed 0.132 kg/liter (1.10 lb/gal) of coating solids deposited during each month.

Applicable Compliance Method:

Compliance with the mass average organic HAP content for each compliance period shall be determined according to the methods and procedures of 40 CFR 63.3171. Alternate, USEPA approved testing, may be used with prior written approval from the Ohio EPA.

(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).

b. Emission Limitation:

1.16 pounds of CO 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 10 of 40 CFR Part 60 Appendix A.

c. Emission Limitation:

5.11 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 (1.16 pounds of CO per hour) by 8760 hours per year, and then dividing by 2000 pounds per ton.

d. Emission Limitation:

1.19 pounds of NOx 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 7 of 40 CFR Part 60 Appendix A.

e. Emission Limitation:

5.24 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 (1.19 pounds of NOx per hour) by 8760 hours per year, and then dividing by 2000 pounds per ton.

f. Emission Limitation:

0.03 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)(9).

g. 0.13 ton of PE per year

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 hrs), and then dividing by 2000 pounds/ton.

h. Emission Limitation:

0.11 pound of PM10 per hour

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.

i. Emission Limitation:

0.55 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.11 pound of PM10 per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 pounds/ton.

j. Emission Limitation:

0.009 pound of SO2 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 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

k. 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 allowable emission limitation (0.019 pound of SO2 per hour) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 pounds/ton.

l. Emission Limitation:

0.084 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 25 of 40 CFR Part 60 Appendix A.

m. Emission Limitation:

0.37 ton 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 allowable emission limitation (0.084 pound of VOC per hour) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 pounds/ton.

(5) See 40 CFR Part 60 Subpart MM (40 CFR 60.390 through 60.398).

(6) See 40 CFR Part 63 Subpart IIII (40 CFR 63.3080 through 63.3176).

g) Miscellaneous Requirements

(1) 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.