



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

3/16/2016

Certified Mail

Mr. Michael Bellantis
PPG Industries - Delaware
760 Pittsburgh Drive
Delaware, OH 43015

Facility ID: 0121010005
Permit Number: P0082295
County: Delaware

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

Dear Permit Holder:

Enclosed is a final Ohio Environmental Protection Agency (EPA) Air Pollution 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. 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**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

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 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.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Central District Office as indicated on page one of your permit.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA DAPC, Central District Office



FINAL

**Division of Air Pollution Control
Title V Permit
for
PPG Industries - Delaware**

Facility ID:	0121010005
Permit Number:	P0082295
Permit Type:	Renewal
Issued:	3/16/2016
Effective:	4/6/2016
Expiration:	4/6/2021



Division of Air Pollution Control
Title V Permit
for
PPG Industries - Delaware

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Final Title V Permit
PPG Industries - Delaware
Permit Number: P0082295
Facility ID: 0121010005
Effective Date: 4/6/2016

Authorization

Facility ID: 0121010005
Facility Description: Paints and allied products
Application Number(s): A0012582, A0012583, A0040109, A0046058, A0052048
Permit Number: P0082295
Permit Description: PPG-Delaware mainly manufactures coatings for the automotive industry. The Title V Renewal includes fill lines, gas and oil-fired boilers, high speed dispersers, spray booths, resin reactors, and tank wash and solvent recovery units.
Permit Type: Renewal
Issue Date: 3/16/2016
Effective Date: 4/6/2016
Expiration Date: 4/6/2021
Superseded Permit Number: P0082293

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

PPG Industries - Delaware
760 Pittsburgh Drive
Delaware, OH 43015

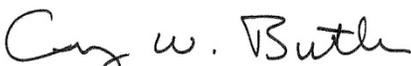
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Ohio EPA DAPC, Central District Office. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months and no later than 6 months prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Craig W. Butler
Director



Final Title V Permit
PPG Industries - Delaware
Permit Number: P0082295
Facility ID: 0121010005
Effective Date:4/6/2016

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 For State-Only Requirements
 - (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
 - (5) Standard Term and Condition A. 30.

(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 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) 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 submitted scheduled maintenancerequests, 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 submitted promptly to the Ohio EPA DAPC, Central District Office. Except as provided below, the written reports shall be submitted 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 to the Ohio EPA DAPC, Central District Office 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." Signature by the Responsible Official may be represented by entry of the personal identification number (PIN) by the Responsible Official as part of the electronic submission process or by the scanned attestation document signed by the Responsible Official that is attached to the electronically submitted written report.

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

- (5) Consistent with A.2.c.1. above, reports of any required monitoring and/or record keeping information required to be submitted to Ohio EPA shall be submitted to Ohio EPA DAPC, Central District Office unless otherwise specified.

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

3. Reporting of Any Exceedence of a Federally Enforceable Emission Limitation or Control Requirement Resulting From 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) 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 except as provided pursuant to A.16 below.
- c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with 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 contaminant 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 Ohio EPA DAPC, Central District Office 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 Ohio EPA DAPC, Central District Office) 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 on or before April 30th of each year during the permit term.
 - (2) Compliance certifications shall include the following:
 - a. Identification of each term or condition that is the basis of the certification. The identification may include a statement by the Responsible Official that every term and condition that is federally enforceable has been reviewed, and such terms

and conditions with which there has been continuous compliance throughout the year are not separately identified.

- b. The permittee's current compliance status.
- c. Whether compliance was continuous or intermittent consistent with A.13.d.2.a above.
- d. The method(s) used for determining the compliance status of the source currently and over the required reporting period consistent with A.13.d.2.a above.
- 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 Ohio EPA DAPC, Central District Office 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 Ohio EPA DAPC, Central District Office 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 Federal Register 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 is subject to 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.

Unless otherwise exempted, no emissions unit identified in this permit that has been 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 operating 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 Ohio EPA DAPC, Central District Office.
- 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 Ohio EPA DAPC, Central District Office. 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 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 For State-Only Requirements

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 Ohio EPA DAPC, Central District Office 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 Ohio EPA DAPC, Central District Office 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 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 potential to emit; or
- c) where the company's Responsible Official has certified that an emissions unit has been permanently shut down.



Final Title V Permit
PPG Industries - Delaware
Permit Number: P0082295
Facility ID: 0121010005
Effective Date:4/6/2016

30. Submitting Documents Required by this Permit

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 Ohio EPA DAPC, Central District Office, 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 required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the Responsible Official may be represented as provided through procedures established in Air Services.



Final Title V Permit
PPG Industries - Delaware
Permit Number: P0082295
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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 the permit are subject to 40 CFR Part 63, Subpart FFFF: P008, P009, P010, P042, and P043. 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 Ohio EPA, Central District Office.
3. The following emissions units contained in the permit are subject to 40 CFR Part 63, Subpart HHHHH: P093, P094, P095, P096, P097, P098, P099, P100, P101, P102, P103, P104, P105, P106, P107, P109, P110, P459, and P460. 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 Ohio EPA, Central District Office.
4. The following emissions units contained in the permit are subject to 40 CFR Part 63, Subpart DDDDD: B012, B013, and B014. 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 Ohio EPA, Central District Office.
5. The requirements of 40 CFR Part 60, Subpart Db do not apply to the emissions units B012, B013, and B014 because the sources commenced construction prior to June 19, 1984.
 [Established by 40 CFR Part 60, Subpart Db under 60.40b(a)]
5. The following insignificant emissions units located at this facility are exempt from permitting requirements because it is not subject to any applicable requirements as defined in OAC rule 3745-77-01(H); it meets the “de minimis” criteria established in OAC rule 3745-15-05; or it meets the requirements in the “permit-by-rule” criteria established in OAC rule 3745-31-03(A)(4):

Emission Unit ID	Emission Unit Description
B002	Small Gas and Oil Fired Boiler
B003	Gas and Oil Fired Boiler
B004	Gas and Oil Fired Boiler
B007	Gas and Oil Fired Boiler
B008	Gas and Oil Fired Boiler
B009	Gas and Oil Fired Boiler
B010	Uniprime Gas Oven
B011	Uniprime Gas Oven
B017	Paint Plant Emergency Generator
B018	Paint Plant Diesel Fire Water Pump
B019	Paint Plant Diesel Fire Water Pump
B020	Emergency Generator @ Cooling Towers
B021	Natural Gas Emergency Generator

B022	Boliler No. 191328
B023	Temporary Emergency Generator
F001	Paved Roads
J001	Solvent and Monomer Unloading
J002	Resin Unloading
J003	Paint Tank Truck Loading Station
J004	Uniprime Resin Load Rack
K001	Liquid Cutting Booth
K006	Color Lab Spray Booth #9
K007	Technical Lab Spray Booth #10
L001	Cold Cleaner
L002	Cold Cleaner
L003	Cold Cleaner
L004	Cold Cleaner
L006	cold cleaner
L007	cold cleaner
L008	cold cleaner
L009	cold cleaner
L010	cold cleaner
L011	QA cold cleaner
L012	QA cold cleaner
L013	cold cleaner
L014	cold cleaner
L015	cold cleaner
L016	cold cleaner
L017	cold cleaner
L018	cold cleaner
L019	cold cleaner
L020	cold cleaner
L021	cold cleaner
L022	cold Cleaner
L023	cold cleaner
L024	cold cleaner
L025	cold cleaner
L026	cold cleaner
L027	cold cleaner
L028	cold cleaner
P005	Thinner Blend Tank
P012	Water-Based Paint Waste Tank
P013	Water-Based Paint Waste Tank

P014	Dispersion Mill
P017	Drum/Tote Fill Line
P021	Machine # 1 Filling Line
P023	25HP Cowles Disperser
P024	20HP Cowles Disperser
P025	50HP Cowles Disperser
P026	10HP Cowles Disperser
P027	Cowles Disperser
P028	2 HP Hockmeyer Mixer
P029	20HP Cowles Disperser
P036	Uniprime Filter Cleaning tank
P037	HV-25 Hockmeyer Disperser
P038	Dispersion Mill
P039	Dispersion Mill
P040	Dispersion Mill
P041	High Speed Disperser
P044	High Speed Disperser
P045	High Speed Disperser
P046	Weigh Scale/Raw Material Handling Room
P047	Weigh Scale/Raw Material Handling Room
P048	Weigh Scale/Raw Material Handling Room
P049	Dispersion Mill
P050	Dispersion Mill
P052	Refinish Intermix Disperser
P054	Handfill Paint Tanks
P072	25 HP Cowles Dissolver
P073	25 HP Cowles Dissolver
P074	50 HP Cowles Dissolver
P078	Dispersion Mill
P082	Machine Fill Line #2
P084	Machine Fill Line #5
P090	SOD DISPERSION MILL
P206	Lab Oven
P207	Lab Oven
P216	Lab Oven
P218	Lab Oven
P219	Lab Oven

P221	Lab Oven
P222	Lab Oven
P225	Vectaire Fume Hood
P226	Vectaire Fume Hood
P227	Vectaire Fume Hood
P228	Vectaire Fume Hood
P229	Vectaire Fume Hood
P230	Vectaire Fume Hood
P231	Vectaire Fume Hood
P232	Vectaire Fume Hood
P233	Vectaire Fume Hood
P234	Fume Hood
P235	Fume Hood
P236	QC Fume Hood
P237	QC Fume Hood
P238	Vectaire Fume Hood
P239	Vectaire Fume Hood
P240	Vectaire Fume Hood
P241	Vectaire Fume Hood
P242	Vectaire Fume Hood
P243	Vectaire Fume Hood
P244	Fume Hood
P245	Fume Hood
P256	Analytical Oven
P260	Vectaire Fume Hood
P261	Vectaire Fume Hood
P262	Sprayroom Oven
P263	Sprayroom Oven
P264	Sprayroom Oven
P265	Sprayroom Oven
P266	Sprayroom Oven
P267	Sprayroom Oven
P270	Rollercoaster Exhaust Ffan
P271	Paint Mixing Process-Thin and Tint Tank
P272	Paint Mixing Process-Thin and Tint Tank
P273	Paint Mixing Process-Thin and Tint Tank

P274	Paint Mixing Process-Thin and Tint Tank
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P456	Paint Mixing Process-Thin and Tint Tank
P457	Paint Mixing Process-Thin and Tint Tank
P458	High speed disperser used to mix raw materials in paint manufacturing.
P461	5 Gallon Fill Machine
P464	Intermix Rail Mixer
P465	Intermix Rail Mixer
P466	Intermix Rail Mixer
P467	Intermix Rail Mixer
P468	Intermix Rail Mixer
P469	Intermix Rail Mixer
P470	Intermix Rail Mixer
P471	Intermix Rail Mixer
P472	Intermix Rail Mixer
P473	Intermix Rail Mixer
P474	Intermix Rail Mixer
P475	Intermix Rail Mixer
P476	Intermix Rail Mixer
P477	Intermix Rail Mixer
P478	Intermix Rail Mixer
P479	Intermix Rail Mixer
P480	Intermix Rail Mixer
P481	Intermix Rail Mixer
P482	Intermix Rail Mixer
P483	Intermix Rail Mixer
P485	rail mixer
P486	rail mixer
P487	rail mixer
P488	rail mixer
P489	rail mixer
P490	SOD Dispersion Mill # 1G328
P491	SOD Dispersion Mill # 1G329
P492	SOD Dispersion Mill # 1G330
P493	SOD Dispersion Mill # 1G331

P494	SOD Dispersion Mill # 1G332
P495	SOD Dispersion Mill # 1G333
P496	SOD Dispersion Mill # 1G334
P497	SOD Dispersion Mill # 1G335
P498	MOD Dispersion Mill # 3G315
P499	MOD Dispersion Mill # 3G316
P500	MOD Dispersion Mill # 3G317
P501	MOD Dispersion Mill # 3G318
P502	MOD Dispersion Mill # 3G319
P503	MOD Dispersion Mill # 3G320
P504	MOD Dispersion Mill # 3G321
P505	MOD Dispersion Mill # 3G322
P506	SOD Dispersion Mill # 1G326
P507	SOD Dispersion Mill # 1G327
P508	M3 Filling Line. Equipment covered includes M3 labeler, M3 filler, M3 lid press and casepacker.
R001	Uniprime Spray Booth
R203	Spray Booth
R204	Leg Type Spray Booth
R205	Leg Type Spray Booth
R206	Walk-in Spray Booth
R216	Resin plant QC lab spray booth
R217	Paint production QC lab spray booth
R218	Paint production QC lab spray booth
R219	Paint production QC lab spray booth
R220	Paint production QC lab spray booth
T001	Organic waste tank
T002	Finished product storage tank
T003	Finished product storage tank
T004	Raw material storage tank
T005	Raw material storage tank
T006	Raw material storage tank
T007	Raw material storage tank
T008	Raw material storage tank
T009	Raw material storage tank
T010	Raw material storage tank
T011	Raw material storage tank
T012	Raw material storage tank
T013	Raw material storage tank

T014	Raw material storage tank
T015	Raw material storage tank
T016	Raw material storage tank
T017	Raw material storage tank
T018	#2 Fuel Oil Tank
T019	Raw material storage tank
T031	Paint Plant Resin Room Tank
T032	Paint Plant Resin Room Tank
T033	Paint Plant Resin Room Tank
T034	Paint Plant Resin Room Tank
T035	Paint Plant Resin Room Tank
T036	Paint Plant Resin Room Tank
T037	Paint Plant Resin Room Tank
T038	Paint Plant Resin Room Tank
T039	Paint Plant Resin Room Tank
T040	Paint Plant Resin Room Tank
T041	Paint Plant Resin Room Tank
T042	Paint Plant Resin Room Tank
T043	Paint Plant Resin Room Tank
T044	Paint Plant Resin Room Tank
T045	Paint Plant Resin Room Tank
T046	Paint Plant Resin Room Tank
T047	Paint Plant Resin Room Tank
T048	Paint Plant Resin Room Tank
T049	Paint Plant Resin Room Tank
T050	Paint Plant Resin Room Tank
T051	Paint Plant Resin Room Tank
T052	Paint Plant Resin Room Tank
T053	Paint Plant Resin Room Tank
T054	Paint Plant Resin Room Tank
T055	Paint Plant Resin Room Tank
T056	Paint Plant Resin Room Tank
T057	Paint Plant Resin Room Tank
T058	Paint Plant Resin Room Tank
T059	Paint Plant Resin Room Tank
T060	Paint Plant Resin Room Tank
T061	Paint Plant Resin Room Tank
T062	Paint Plant Resin Room Tank
T063	Paint Plant Resin Room Tank
T064	Paint Plant Resin Room Tank

T065	Paint Plant Resin Room Tank
T066	Raw material storage tank
T067	Raw material storage tank
T068	Raw material storage tank
T069	Raw material storage tank
T070	Raw material storage tank
T071	Raw material storage tank
T072	Raw material storage tank
T073	Raw material storage tank
T074	Raw material storage tank
T075	Raw material storage tank
T076	Raw material storage tank
T077	Raw material storage tank
T078	Raw material storage tank
T079	Raw material storage tank
T080	Raw material storage tank
T081	Raw material storage tank
T082	Raw material storage tank
T083	Raw material storage tank
T084	Raw material storage tank
T085	Raw material storage tank
T086	Raw material storage tank
T087	Raw material storage tank
T088	Raw material storage tank
T089	Raw material storage tank
T090	Raw material storage tank
T091	Raw material storage tank
T092	Raw material storage tank
T093	Raw material storage tank
T094	Raw material storage tank
T095	D.I. Water storage tank
T096	Resin Raw material storage tank
T097	Resin Raw material storage tank
T098	Uniprime batch tank
T099	Uniprime batch tank
T100	Uniprime batch tank
T101	Uniprime batch tank
T102	Uniprime batch tank
T103	Uniprime batch tank
T104	Uniprime mixing tank

T105	Uniprime mixing tank
T106	Uniprime mixing tank
T107	Uniprime mixing tank
T108	Uniprime mixing tank
T109	Uniprime blending tank
T110	Uniprime blending tank
T111	Uniprime blending tank
T112	Resin raw material storage tank
T113	Resin raw material storage tank
T114	Resin raw material storage tank
T115	Resin raw material storage tank
T123	Tank
T124	Solvent Storage Shed - Factory Lab

[Authority for term: OAC rule 3745-77-01(H), OAC rule 3745-15-05, and OAC rule 3745-31-03(A)(4)]



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PPG Industries - Delaware
Permit Number: P0082295
Facility ID: 0121010005
Effective Date:4/6/2016

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group -Boilers: B012,B013,B014

EU ID	Operations, Property and/or Equipment Description
B012	Gas and Oil Fired Steam Boiler used for Comfort Heating
B013	Gas and Oil Fired Hot Water Boiler used for Comfort Heating
B014	Gas and Oil Fired Hot Water Boiler used for Comfort Heating

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 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
a.	OAC rule 3745-31-05(A)(3) (Established by PTI 01-2155, issued final 4/18/1989)	<u>For emissions unit B012:</u> The requirements established pursuant of this rule also include compliance with of OAC rules 3745-17-07(A), 3745-17-10(B)(1), and 3745-18-06(D).
b.	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
c.	OAC rule 3745-17-10(B)(1)	Particulate emissions (PE) shall not exceed 0.020 lb/MMBtu of actual heat input.
d.	OAC rule 3745-18-06(D)	When firing distillate oil, sulfur dioxide emissions shall not exceed 1.6 lbs/MMBtu actual heat input.
e.	40 CFR Part 63, DDDDD (40 CFR Part 63.7480-7575) National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial Boilers and Process Heaters [In accordance with 40 CFR 63.7499 and 63.7575, these emissions unit are defined as existing boilers designed to burn liquid fuel (No. 6	Pursuant to 40 CFR 63.7495(b), the permittee shall comply with this subpart no later than January 31, 2016, except as provided in 63.6(j).

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	fuel oil) or natural gas. Therefore, the unit may be subject to the requirements for units designed to burn liquid fuel, units designed to burn light liquid fuel, and/or units designed to burn gas 1 fuel as defined in this subpart. The permittee shall comply with the emission limitations and operating limitations for the applicable fuel subcategory specified in this section.]	
f.	40 CFR Part 63, Subpart A [General Provisions]	Table 10 to 40 CFR Part 63, Subpart DDDDD – Applicability of General provisions (Subpart A) to Subpart DDDDD which parts of the General Provisions in 40 CFR Part 63.1-15 apply.

(2) Additional Terms and Conditions

- a. The permittee shall comply with the applicable work practices requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7480, 63.7485	purpose of the subpart
63.7490	affected source
63.7495	compliance dates for subpart
63.7499	subcategories of boilers and process heaters
63.7565 and Table 10	applicability of general provisions

[Authority for term: 40 CFR Part 63, Subpart DDDDD and OAC rule 3745-77-07(A)(1)]

c) Operational Restrictions

- (1) The permittee shall burn only natural gas or distillate oil in this emissions unit.

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

- (2) The quality of the oil burned in this emissions unit shall have a combination of heat and sulfur content which is sufficient to comply with the allowable sulfur dioxide emission limitation of 1.6 lbs/MMBtu actual heat input.

[Authority for term: OAC rule 3745-18-06(D) and OAC rule 3745-77-07(A)(1)]

- (3) The permittee shall comply with the applicable work practices requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

Table 3 to Subpart DDDDD	work practice standards
Table 10 to Subpart DDDDD	applicability of general provisions
63.7505	general requirements for complying with subpart
63.7510, 63.7530	initial compliance requirements
63.7515	tune-up requirements

[Authority for term: 40 CFR Part 63, Subpart DDDDD and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

- (1) For each day during which the permittee burns a fuel other than natural gas and/or distillate 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)]

- (2) For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the fuel oil type (number 2, 4, or 6), the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/MMBtu). The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

[Authority for term: OAC rule 3745-18-04(E)(3), OAC rule 3745-18-04(I), and OAC rule 3745-77-07(C)]

- (3) The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the Director.

[Authority for term: OAC rule 3745-18-04(E)(3), OAC rule 3745-18-04(I), and OAC rule 3745-77-07(C)]

- (4) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

63.7555	required overall records to be maintained
63.7560	record format and retention requirements

[Authority for term: 40 CFR Part 63, Subpart DDDDD and OAC rule 3745-77-07(A)(1)]

e) Reporting Requirements

- (1) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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

- (2) The permittee shall notify the Director (the Ohio EPA, Central District Office) in writing of any record which shows an exceedance of the lbs of sulfur dioxide/MMBtu emission limitation, based upon the calculated sulfur dioxide emission rates from Section d)(2). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Central District Office) within 30 days after the deviation occurs.

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

- (3) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart DDDDD, including the following sections:

Table 9 of Subpart DDDDD	reporting requirements
63.7545	notifications and when to submit
63.7550	content and submission of compliance reports

[Authority for term: 40 CFR Part 63, Subpart DDDDD and OAC rule 3745-77-07(A)(1)]

f) Testing Requirements

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

(a) Emission Limitation

Visible particulate emissions from the stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method(s)

Compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

[Authority for term: OAC rule 3745-17-03(B)(1)(a) and OAC rule 3745-77-07(C)(1)]

(b) Emission Limitation

PE shall not exceed 0.020 lb/MMBtu actual heat input

Applicable Compliance Method(s)

When firing natural gas, compliance with this emission limitation may be demonstrated by multiplying the maximum hourly gas burning capacity of the emissions unit (16.738 ft³/hr) by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors," Table 1.4-2 (7/98) for filterable particulates in natural gas combustion (1.9 lbs of particulates/MMft³), and dividing by the maximum hourly heat input capacity of the emissions unit (16.738 MMBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 while firing distillate oil.

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

(c) Emission Limitation

Sulfur dioxide emissions shall not exceed 1.6 lb/MMBtu actual heat input

Applicable Compliance Method(s)

When firing distillate oil, compliance with the allowable sulfur dioxide emission limitation may be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

When firing natural gas, compliance with this emission limitation may be assumed due to the negligible percent sulfur, by weight, in the fuel.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4, and 6, while firing distillate oil.

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



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g) Miscellaneous Requirements

(1) None.

2. Emissions Unit Group -Fill Lines: P083,P461

EU ID	Operations, Property and/or Equipment Description
P083	Machine Fill Line #4
P461	5 Gallon Fill Machine

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) d)(4)-(7), and e)(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
a.	OAC rule 3745-31-05(A)(3) [For P083 – PTI 01-12125, issued final 9/11/2007; For P461 – PTI 01-08799, issued final 11/20/2003]	<u>For emissions unit P083:</u> Organic compound (OC) emissions shall not exceed 3.34 pounds per hour (lbs/hr) and 14.6 tons per year (tpy). See b)(2)a. <u>For emissions unit P461:</u> OC emissions shall not exceed 8 lbs/hr, 40 pounds per day (lbs/day), and 4.5 tpy. <u>For emissions units P083 and P461:</u> See b)(2)b.
b.	OAC rule 3745-21-07(M)	See b)(2)b.
c.	ORC3704.03(F)	<u>For emissions unit P461:</u> See d)(4)-(7), and e)(1)

(2) Additional Terms and Conditions

a. The hourly and yearly OC emission limitation for P083 is established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, recordkeeping and/or reporting requirements to ensure compliance with these limits.

- b. The requirements of OAC rule 3745-21-07(M) are not applicable because there is no control device for this emissions unit.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall collect and record the following information for each day for the emissions unit P461:
 - a. the number of gallons of each coating and cleanup material applied each day;
 - b. the total OC emission rate for all coatings applied, in pounds per day;
 - c. the total hours of operation for each day;
 - d. the average hourly OC emission rate for all coating and cleanup materials, i.e. (d)/(e), in pounds per hour (average)

[Authority for term: OAC rule 3745-77-07(C) and OAC rule 3745-31-05(A)(3)]
 - (2) The individual total OC emission rate for all coatings and cleanup materials applied, in pounds per month for emissions unit P461.

[Authority for term: OAC rule 3745-77-07(C) and OAC rule 3745-31-05(A)(3)]
 - (3) The permit to install (PTI) application for this/these emissions unit(s), P461, was evaluated based on the actual materials and the design parameters of the emissions unit's(s) exhaust system, as specified by the permittee. The "Toxic Air Contaminant Statute", ORC 3704.03(F), was applied to this/these emissions unit(s) for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted at over one ton per year using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled "Review of New Sources of Air Toxic Emissions, Option A", as follows:
 - a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit(s), (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):

- i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists' (ACGIH) "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices"; or
 - ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists' (ACGIH) "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices"; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.
- b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).
 - c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit(s), i.e., "24" hours per day and "7" days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$\text{TLV}/10 \times 8/X \times 5/Y = 4 \text{ TLV}/XY = \text{MAGLC}$$

- d. The following summarizes the results of dispersion modeling for the significant toxic contaminants (emitted at 1 or more tons/year) or "worst case" toxic contaminant(s) for each emissions unit:

Toxic Contaminant: Toluene

TLV (mg/m³): 188.43 (50 ppm)

Maximum Hourly Emission Rate (lbs/hr): 0.34

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m³): 5.214

MAGLC (ug/m³): 4,486

The permittee, has demonstrated that emissions of Toluene, from emissions unit(s) P461, is calculated to be less than eighty per cent of the maximum acceptable ground level concentration (MAGLC); any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F).

[Authority for term: ORC 3704.03(F)(3)(c) and F(4); OAC rule 3745-114-01; Option A, Engineering Guide #70]

- (4) Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:

- a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and
- c. physical changes to the emissions unit(s) or its/their exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Toxic Air Contaminant Statute" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to a non-restrictive change to a parameter or process operation, where compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification", the permittee shall apply for and obtain a final PTI prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

[Authority for term: ORC 3704.03(F)(3)(c) and F(4); OAC rule 3745-114-01; Option A, Engineering Guide #70]

- (5) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F):
 - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
 - b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
 - c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

[Authority for term: ORC 3704.03(F)(3)(c) and F(4); OAC rule 3745-114-01; Option A, Engineering Guide #70]

e) Reporting Requirements

- (1) The permittee shall also submit annual reports that specify the total organic compound emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

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

f) Testing Requirements

- (1) 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:

a. Emission Limitations

For emissions unit P083 OC emissions shall not exceed 3.34 lbs/hr

Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum VOC content of the coating (lbs/gal) by the maximum usage in one hour (gal/hr).

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

b. Emission Limitation

For emissions unit P083 OC emissions shall not exceed 14.6 tpy

Compliance Method(s)

The annual limit is based upon the calculated hourly emissions times the maximum operating schedule of 8,760 hours per year, divided by 2,000 lbs per ton.

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained.

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

b. Emission Limitation

For emissions unit P461 OC emissions shall not exceed 8 lbs/hr

Compliance Method(s)

Compliance for the hourly emission rate shall be based upon the records required in Section d)(2)d. of these terms and conditions.

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

c. Emission Limitation

For emissions unit P461 OC emissions shall not exceed 40 lbs/day.

Compliance Method(s)

Compliance for the daily emission rate shall be based upon the multiplying the records required in Section d)(2)c. by Section d)(2)d.

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

d. Emission Limitation

For emissions unit P461 OC emissions shall not exceed 4.5 tpy

Compliance Method(s)

The annual OC emission rate from P461 shall be the sum of the total monthly OC emissions rates for all production from P461 for the calendar year. Compliance shall be based upon the recordkeeping requirements in Section d)(3).

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

g) Miscellaneous Requirements

(1) None.

**3. Emissions Unit Group -High Speed Dispensers #1:
 P093,P094,P095,P096,P097,P099,P100,P101,P102,P103,P104,P105,P106,P107**

EU ID	Operations, Property and/or Equipment Description
P093	High speed disperser used to mix raw materials in paint manufacturing.
P094	High speed disperser used to mix raw materials in paint manufacturing.
P095	High speed disperser used to mix raw materials in paint manufacturing.
P096	High speed disperser used to mix raw materials in paint manufacturing.
P097	High speed disperser used to mix raw materials in paint manufacturing.
P099	High speed disperser used to mix raw materials in paint manufacturing.
P100	High speed disperser used to mix raw materials in paint manufacturing.
P101	High speed disperser used to mix raw materials in paint manufacturing.
P102	High speed disperser used to mix raw materials in paint manufacturing.
P103	High speed disperser used to mix raw materials in paint manufacturing.
P104	High speed disperser used to mix raw materials in paint manufacturing.
P105	High speed disperser used to mix raw materials in paint manufacturing.
P106	High speed disperser used to mix raw materials in paint manufacturing.
P107	High speed disperser used to mix raw materials in paint manufacturing.

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 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
a.	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
b.	OAC rule 3745-17-07(B)	See b)(2)a.
c.	OAC rule 3745-17-08(B)	See b)(2)b.
d.	OAC rule 3745-17-11(B)	<p><u>For emissions units P093, P094, and P095:</u></p> <p>Particulate emissions (PE) shall not exceed 0.71 pound per hour (lb/hr), based on Table I which is more stringent than the allowable PE rate from Figure II.</p> <p><u>For emissions units P096, P097, P105,</u></p>



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p><u>and P106:</u></p> <p>PE shall not exceed 0.89 lb/hr based on Table I which is more stringent than the allowable PE rate from Figure II.</p> <p><u>For emissions units P099, P100, P101, P102, P103, and P107:</u></p> <p>PE shall not exceed 1.41 lbs/hr based on Table I which is more stringent than the allowable PE rate from Figure II.</p> <p><u>For emissions unit P104:</u></p> <p>PE shall not exceed 2.24 lbs/hr based on Table I which is more stringent than the allowable PE rate from Figure II.</p>
e.	<p>40 CFR Part 63, Subpart HHHHH</p> <p>[In accordance with 40 CFR 63.7985 this facility is an existing miscellaneous coating manufacturing facility subject to the emission limitations/control measures specified in this section.]</p>	<p>See b)(2)c., c)(1), d)(3), and e)(2)</p>
f.	<p>40 CFR 63.1-16</p>	<p>Table 10 to 40 CFR Part 63, Subpart HHHHH – Applicability of General Provisions to Subpart HHHHH shows which parts of the General Provisions in 40 CFR 63.1-16 apply.</p>

(2) Additional Terms and Conditions

- a. Pursuant to OAC rule 3745-17-07(B)(11)(e), the requirements of OAC rule 3745-17-07(B) do not apply to these emissions units.
- b. Since these emissions units are not located in an Appendix A area, pursuant to OAC rule 3745-17-08(A)(1), the requirements of OAC rule 3745-17-08(B) do not apply to these emissions units.
- c. The permittee is subject to the following MACT rule: Miscellaneous Coating Manufacturing, 40 CFR Part 63, Subpart HHHHH. The MACT Subpart HHHHH became effective on December 11, 2003. The requirements of this rule have been established in the Title V permit for this facility.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational restrictions and requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8000	General requirements
63.8005	Requirements for process vessels
63.8010	Requirements for storage tanks
63.8015	Requirements for equipment leaks
63.8020	Requirements for wastewater streams
63.8025	Requirements for transfer operations
63.8030	Requirements for heat exchange systems
63.8050	Alternative means of compliance for emissions averaging for stationary process vessels
63.8055	Alternative means of compliance for weight percent HAP limit
63.8090	Compliance options if part of the plant is subject to both this subpart and another subpart
63.8095	Applicability of General Provisions to Subpart HHHHH

[Authority for term: 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records that document any time period when the baghouse was not in service during the addition of solids.

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

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

- (a) the color of the emissions;
- (b) whether the emissions are representative of normal operations;

- (c) if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- (d) the total duration of any visible emissions incident; and
- (e) any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions 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.

[Authority for term: OAC rule 3745-17-07(A)(1) and OAC rule 3745-77-07(C)]

- (3) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8080	Recordkeeping requirements
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[Authority for term 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(C)]

e) Reporting Requirements

- (1) The permittee shall submit semiannual written reports that identify:
 - a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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



- (2) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8070	Notification requirement(s)
63.8075	Reporting requirements

[Authority for term: 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(A)(3)(c)]

f) Testing Requirements

- (1) 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:

(a) Emission Limitation

Visible particulate emissions from the stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method(s)

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

[Authority for term: OAC rule 3745-17-03(B)(1)(a) and OAC rule 3745-77-07(C)(1)]

(b) Emission Limitation

PE shall not exceed 0.71 lbs/hr, based on Table I which is more stringent than the allowable PE rate from Figure II, for emissions units P093, P094, and P095.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 5.5 lbs of particulates/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of paint that can be produced (0.0725 ton/hr), and by the assumed control efficiency (CE) of the baghouse (1-0.98).

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

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

(c) Emission Limitation

PE shall not exceed 0.89 lbs/hr, based on Table I which is more stringent than the allowable PE rate from Figure II, for emissions units P096, P097, P105, and P106.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 5.5 lbs of particulates/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of paint that can be produced (0.1015 ton/hr), and by the assumed control efficiency (CE) of the baghouse (1-0.98).

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

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

(d) Emission Limitation

PE shall not exceed 1.41 lbs/hr, based on Table I which is more stringent than the allowable PE rate from Figure II, for emissions units P099, P100, P101, P102, P103, and P107.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 5.5 lbs of particulates/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of paint that can be produced (0.4050 ton/hr), and by the assumed control efficiency (CE) of the baghouse (1-0.98).

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

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

(e) Emission Limitation

PE shall not exceed 2.24 lbs/hr, based on Table I which is more stringent than the allowable PE rate from Figure II, for emissions units P104.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 5.5 lbs of particulates/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of paint that can be produced



(0.4050 ton/hr), and by the assumed control efficiency (CE) of the baghouse (1-0.98).

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

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

g) Miscellaneous Requirements

- (1) None.



4. Emissions Unit Group -High Speed Dispensers #2: P109,P110,P459,P460

EU ID	Operations, Property and/or Equipment Description
P109	High Speed Dispenser 3C602
P110	High Speed Dispenser 3C603
P459	High Speed Dispenser 3C203
P460	High Speed Dispenser 3C601

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 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
a.	OAC rule 3745-31-05(A)(3) [For P459 and P460 established by PTI 01-08099, issued final 02/02/00. For P109 and P110 established by 01-07324, issued final 03/15/00.]	<u>For emissions units P109:</u> Organic compound (OC) emissions shall not exceed 0.895 pound per hour (lb/hr); 21.48 pounds per day (lbs/day); and 3.92 tons per year (tpy). Particulate emissions (PE) from the baghouse shall not exceed 0.0002 lb/hr and 0.001 tpy. See b)(2)a., c. and d. <u>For emissions unit P110:</u> OC emissions shall not exceed 0.895 lb/hr; 21.48 lbs/day; and 3.92 tpy PE from the baghouse shall not exceed 0.0002 lb/hr and 0.001 tpy. See b)(2)a., c. and d. <u>For emissions unit P459:</u> OC emissions shall not exceed 0.895

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>lb/hr; 21.48 lbs/day; and 3.92 tpy</p> <p>PE from the baghouse shall not exceed 0.001 lb/hr and 0.005 tpy.</p> <p>See b)(2)b. – d.</p> <p><u>For emissions unit P460:</u></p> <p>OC emissions shall not exceed 0.895 lb/hr; 21.48 lbs/day; and 3.92 tpy</p> <p>PE from the baghouse shall not exceed 0.003 lb/hr and 0.014 tpy.</p> <p>See b)(2)b. – d.</p>
b.	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
c.	OAC rule 3745-17-07(B)	See b)(2)e.
d.	OAC rule 3745-17-08(B)	See b)(2)f.
e.	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	<p>40 CFR Part 63, Subpart HHHHH</p> <p>[In accordance with 40 CFR 63.7985 this facility is an existing miscellaneous coating manufacturing facility subject to the emission limitations/control measures specified in this section.]</p>	See b)(2)g., c)(1)-(2), d)(1)-(2) and (4), and e)(1) and (3)
g.	40 CFR 63.1-16	Table 10 to 40 CFR Part 63, Subpart HHHHH – Applicability of General Provisions to Subpart HHHHH shows which parts of the General Provisions in 40 CFR 63.1-16 apply.

(2) Additional Terms and Conditions

- a. The emissions unit shall be covered with a vessel lid at all times except when operator access is necessary to add ingredients or take samples.
- b. The permittee shall employ a conservation vent and cooling jacket at all times when the emissions unit is in operation.
- c. The permittee shall operate the dust collector during any addition of pigments to the batch.
- d. The hourly and annual PE emissions limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and/or reporting requirements to ensure compliance with the hourly and annual emissions limitations.
- e. Pursuant to paragraph (B)(11)(e) of OAC rule 3745-17-07, the requirements of OAC rule 3745-17-07(B) do not apply to these emissions units.
- f. Since this emissions unit is not located in an Appendix A area, pursuant to paragraph (A)(1) of OAC rule 3745-17-08, the requirements of OAC rule 3745-17-08(B) do not apply to these emissions units.
- g. The permittee is subject to the following MACT rule: Miscellaneous Coating Manufacturing, 40 CFR Part 63, Subpart HHHHH. The MACT Subpart HHHHH became effective on December 11, 2003. The requirements of this rule have been established in the Title V permit for this facility.

c) Operational Restrictions

- (1) The average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emission unit is in operation, shall not be less than 50 degrees Fahrenheit as determined by the three-run average temperature established by the most recent stack test.

[Authority for term: OAC rule 3745-77-07(A)(1) and 40 CFR Part 63, Subpart HHHHH]

- (2) The permittee shall comply with the applicable operational restrictions and requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8000	General requirements
63.8005	Requirements for process vessels
63.8010	Requirements for storage tanks
63.8015	Requirements for equipment leaks
63.8020	Requirements for wastewater streams

63.8025	Requirements for transfer operations
63.8030	Requirements for heat exchange systems
63.8050	Alternative means of compliance for emissions averaging for stationary process vessels
63.8055	Alternative means of compliance for weight percent HAP limit
63.8090	Compliance options if part of the plant is subject to both this subpart and another subpart
63.8095	Applicability of General Provisions to Subpart HHHHH

[Authority for term: 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

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

[Authority for term: OAC rule 3745-77-07(C) and 40 CFR Part 63, Subpart HHHHH]

- (2) The permittee shall collect and record the following information on a daily basis:
- a. all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer, when the emissions units were in operations, was less than 50 degrees Fahrenheit as determined by the three-run average temperature established by the most recent stack test; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

[Authority for term: OAC rule 3745-77-07(C) and 40 CFR Part 63, Subpart HHHHH]

- (3) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- (a) the color of the emissions;
 - (b) whether the emissions are representative of normal operations;

- (c) if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- (d) the total duration of any visible emissions incident; and
- (e) any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions 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.

[Authority for term: OAC rule 3745-17-07(A)(1) and OAC rule 3745-77-07(C)]

- (4) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8080	Recordkeeping requirements
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[Authority for term 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(C)]

e) Reporting Requirements

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

[Authority for term: OAC rule 3745-77-07(A)(3)(c) and 40 CFR Part 63, Subpart HHHHH]

- (2) The permittee shall submit semiannual written reports which identify the following:
 - a. identify all days during which any visible particulate emissions were observed from the dust collector serving this emissions unit; and
 - b. describe any corrective actions taken to eliminate the visible particulate emissions.

These reports shall be submitted to the Ohio EPA, Central District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

[Authority for term: OAC rule 3745-17-07(A)(1) and OAC rule 3745-77-07(A)(3)(c)]



- (3) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 63, Subpart HHHHH, including the following sections:

63.8070	Notification requirement(s)
63.8075	Reporting requirements

[Authority for term: 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(A)(3)(c)]

f) Testing Requirements

- (1) 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:

(a) Emission Limitation

Visible particulate emissions from the stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method(s)

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

[Authority for term: OAC rule 3745-17-03(B)(1)(a) and OAC rule 3745-77-07(C)(1)]

(b) Emission Limitation

For emissions units P109 and P110, PE from the baghouse shall not exceed 0.0002 lb/hr and 0.001 tpy

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 20 lbs PE/ton pigment produced (AP-42, 6.4-1, 5/83) by the maximum amount of paint that can be produced (0.35 ton pigment/hr, PTI 01-07324), and by the assumed control efficiency (CE) of the baghouse (1-0.9997).

Compliance with the annual emission limitation shall be demonstrated by multiplying the allowable emission rate of 0.0002 lbs PE/hr by 8760 hrs/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by emission testing in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

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

(c) Emission Limitation

For emissions unit P459, PE from the baghouse shall not exceed 0.001 lb/hr and 0.005 tpy

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 20 lbs PE/ton pigment produced (AP-42, 6.4-1, 5/83) by the maximum amount of paint that can be produced (0.18 ton pigment/hr, PTI 01-08099), and by the assumed control efficiency (CE) of the baghouse (1-0.9997).

Compliance with the annual emission limitation shall be demonstrated by multiplying the allowable emission rate of 0.001 lbs PE/hr by 8760 hrs/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by emission testing in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

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

(d) Emission Limitation

For emissions unit P460, PE from the baghouse shall not exceed 0.003 lb/hr and 0.014 tpy

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 20 lbs PE/ton pigment produced (AP-42, 6.4-1, 5/83) by the maximum amount of paint that can be produced (0.54 ton pigment/hr, PTI 01-08099), and by the assumed control efficiency (CE) of the baghouse (1-0.9997).

Compliance with the annual emission limitation shall be demonstrated by multiplying the allowable emission rate of 0.003 lbs PE/hr by 8760 hrs/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by emission testing in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

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

(e) Emission Limitation

For emissions units P109, P110, P459, and P460 OC emissions from each emissions unit shall not exceed 0.895 lb/hr; 21.48 lbs/day; and 3.92 tpy

Compliance Method(s)

The hourly emission limitation of 0.895 lb/hr was established using U.S. EPA Method 18 for emission egress points 4, 8, 9, 13, DC1-Leg2, and EF2-Leg2, as contained in the "Delaware 1993 Emissions Inventory Report."

Compliance with the daily emission limitation may be demonstrated by multiplying the allowable hourly emission rate of 0.895 lb/hr by the actual hours of operation per day.

Compliance with the annual emission limitation shall be demonstrated by multiplying the allowable emission rate of 0.895 lb/hr by the actual hours of operation per year, and dividing by 2000 lbs/ton.

If required, the allowable hourly OC emission rate shall be determined using U.S. EPA Method 18 for emission egress points 4,8,9,13, DC1-Leg2, and EF2-Leg2. The facility demonstrated compliance with the allowable hourly OC emission rate through emissions testing performed on 11/18/2003.

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

- (2) The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- (a) The emission testing for P109, P110, P459, and P460 shall be conducted within 6 months after issuance of the permit and within 6 months prior to permit renewal as specified in the Title V.
 - (b) The emissions testing may be conducted simultaneously, while using Methods 1 through 4 and 25 or 25A testing, for emissions units P003, P008, P009, P010, P042, P043, P093, P094, P095, P096, P097, P099, P100, P101, P102, P103, P104, P105, P106, and P107 is conducted.
 - (c) The emission testing shall be conducted to demonstrate compliance with the requirements established by 40 CFR Part 63, Subpart HHHHH.
 - (d) The following test method(s) shall be employed:

40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 or 25A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - (e) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.



- (f) The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
- (g) Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- (h) Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
- (i) A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

[Authority for term: 40 CFR Part 63, Subpart HHHHH and OAC rule 3745-77-07(C)(1)]

- g) Miscellaneous Requirements
 - (1) None.

5. Emissions Unit Group -LOS Lab Spray Booths: K002,K003,K004,K005

EU ID	Operations, Property and/or Equipment Description
K002	New LOS Spraybooth - no.1
K003	New LOS Spraybooth - no.2
K004	New LOS Spraybooth - no.3
K005	New LOS Spraybooth - no.4

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 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
a.	OAC rule 3745-31-05(A)(3) (Established by PTI 01-08599, issued final 7/3/2002)	<p>Volatile organic compound (VOC) emissions shall not exceed 0.94 lb/hr and 4.1 tons/yr.</p> <p>Organic compound (OC) emissions shall not exceed 3.08 lbs/hr and 13.5 tons/yr.</p> <p>Particulate emissions (PE) shall not exceed 0.551 lbs/hr and 2.4 tons/yr.</p> <p>The requirements of this rule include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e).</p> <p>See b)(2)a.</p>
b.	OAC rule 3745-17-07(A)(1)	Visible emissions from any stack shall not exceed twenty percent opacity as a six minute average, except as provided by the rule.
c.	OAC rule 3745-17-11(A)(1)(k)	See b)(2)b.
d.	OAC rule 3745-21-09(U)(2)(e)	See b)(2)c.

- (2) Additional Terms and Conditions
- a. The 0.94 lb VOC/hr, 4.1 tons VOC/yr, 3.08 lbs OC/hr and 13.5 tons OC/yr emission limitations were established to reflect the potential to emit for K002, K003, K004, and K005. Therefore, it is not necessary to develop monitoring, recordkeeping and/or reporting requirements to ensure compliance with these limits.
 - b. The requirements of OAC rule 3745-17-11 do not apply to these emissions units because they employ hand-held cup spray guns.
 - c. The permittee shall not employ more than ten gallons of coating per day for the miscellaneous metal parts and products coating line. The daily usage limitation for the coating line shall not include coatings applied to parts or products which are not metal.
- c) Operational Restrictions
- (1) None.
- d) Monitoring and/or Recordkeeping Requirements
- (1) The permittee shall operate and maintain daily records that document any time periods when the filtration system was not in service when the emission unit was in operation.
[Authority for term: OAC rule 3745-17-07(A)(1) and OAC rule 3745-77-07(A)(3)]
 - (2) The permittee shall collect and record the following information each day for the coating line.
 - a. the name and/or identification number of each coating employed;
 - b. the volume, in gallons, of each coating employed; and
 - c. the total volume, in gallons, of all of the coatings employed.[Authority for term: OAC rule 3745-21-09(B)(3)(d) and OAC rule 3745-77-07(C)]
- e) Reporting Requirements
- (1) The permittee shall notify the Central District Office in writing of any daily record showing that the dry filtration system was not in service when the emission unit was in operation. The notification shall include a copy of such record and be sent to the Central District Office within 30 days after the event occurs.
[Authority for term: OAC rule 3745-77-07(A)(3)(c)]

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

[Authority for term: OAC rule 3745-21-09(B)(3)(e) and OAC rule 3745-77-07(A)(3)(c)]

f) Testing Requirements

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

a. Emission Limitation

VOC emissions shall not exceed 0.94 lb/hr

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum VOC content of the coating (5 lbs VOC per gallon) by the maximum usage in one hour (0.1875 gallon per hour).

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18 or 25, as appropriate.

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

b. Emission Limitation

VOC emissions shall not exceed 4.1 tons/yr

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum pound per hour emission rate by 8760 hrs/yr and dividing by 2000 lbs/ton.

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

c. Emission Limitation

OC emissions shall not exceed 3.08 lbs/hr

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum OC content of the coating (6.58 lbs OC per gallon) by the maximum usage in one hour (0.4687 gallon per hour).



If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18 or 25, as appropriate.

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

d. Emission Limitation

OC emissions shall not exceed 13.5 tons/yr

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum pound per hour emission rate by 8760 hrs/yr and dividing by 2000 lbs/ton.

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

e. Emission Limitation

PE shall not exceed 0.551 lb/hr

Applicable Compliance Method(s)

To determine the worst case emission for particulate, the following equation may be used:

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

where:

E = particulate matter emission rate (lbs/hr)

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

CE = control efficiency of the control equipment

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

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

f. Emission Limitation

PE shall not exceed 2.4 tons/yr

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the maximum pound per hour emission rate by 8760 hrs/yr and dividing by 2000 lbs/ton.

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



g. Emission Limitation:

Visible PE from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required, compliance with the above visible emission limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

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

g) Miscellaneous Requirements

(1) None.

6. Emissions Unit Group -Resin Reactors: P008,P009,P010,P042,P043

EU ID	Operations, Property and/or Equipment Description
P008	Resin reactor system used for acrylic resin manufacturing in support of industrial and automotive paint production.
P009	Resin reactor system used for acrylic resin manufacturing in support of industrial and automotive paint production.
P010	Solvent recovery system for processing spent solvent generated by cleaning activities.
P042	Resin reactor system serving Uniprime (cationic) manufacture.
P043	Batch stripper for removing organic vapors from a resin batch.

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 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
a.	OAC rule 3745-31-05(A)(3) (For P008 – P010 PTI 01-289; For P042 – P043 PTI 01-862)	<u>For emissions units P008, P009, P010, P042 and P043:</u> The requirements of this rule include compliance with the requirements of 40 CFR Part 63, Subpart FFFF. <u>For emissions units P042 and P043:</u> Volatile organic compound (VOC) emissions shall not exceed 2.85 tons per year (tpy) from emissions units P042 and P043 combined. <u>For emissions unit P042:</u> PE shall not exceed 2.1 tpy <u>For emissions unit P009 and P042:</u> The requirements established pursuant to this rule are equivalent to the

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		requirements of OAC rule 3745-17-11(B) and OAC rule 3745-17-07(A). <u>For emissions unit P009:</u> See b)(2)a., d)(1)
b.	OAC rule 3745-17-07(A)	<u>For emissions unit P009 and P042:</u> Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except
c.	OAC rule 3745-17-11(B)	<u>For emissions unit P009 and P042:</u> Particulate emissions (PE) shall not exceed 2.13 pounds per hour (lbs/hr), based on Table I, which is more stringent than the allowable PE rate from Figure II.
d.	OAC rule 3745-21-07(M)(2)	The requirements specified by this rule are less stringent than the requirements established pursuant to 40 CFR Part 63, Subpart FFFF.
e.	40 CFR Part 63, Subpart FFFF [In accordance with 40 CFR 63.2435 this facility is an existing miscellaneous organic chemical manufacturing facility subject to the emission limitations/control measures specified in this section.]	See b)(2)b.
f.	40 CFR 63.1-16	Table 10 to 40 CFR Part 63, Subpart FFFF – Applicability of General Provisions to Subpart FFFF shows which parts of the General Provisions in 40 CFR 63.1-16 apply.

(2) Additional Terms and Conditions

- a. For emissions unit P009 and P042, the pressure drop across the baghouse shall be maintained within the range of 0 to 7 inches of water during solids charging.

b. The permittee is subject to the following MACT rule: Miscellaneous Organic Chemical Manufacturing, 40 CFR Part 63, Subpart FFFF. The MACT Subpart FFFF became effective on November 10, 2003. The requirements of this rule have been established in the Title V permit for this facility.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions and requirements under 40 CFR Part 63, Subpart FFFF.

63.2450	General requirements
63.2460	Requirements for batch process vents
63.2465	Requirements for process vents that emit hydrogen halide and halogen HAP or HAP metals
63.2470	Requirements for storage tanks
63.2475	Requirements for transfer racks
63.2480	Requirements for equipment leaks
63.2485	Requirements for wastewater streams and liquid streams in open systems with a MCPU
63.2490	Requirements for heat exchange systems
63.2495	Compliance with pollution prevention standard
63.2500	Compliance with emissions averaging
63.2505	Compliance with the alternative standard
63.2535	Compliance options if part of the plant is subject to both this subpart and another subpart
63.2540	General provisions to subpart FFFF

[Authority for term: 40 CFR Part 63, Subpart FFFF and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) For P009, the permittee shall maintain daily records that document any time periods when the baghouse was not in service when the emissions unit was in operation.

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

- (2) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements under 40 CFR Part 63, Subpart FFFF.

63.2515	Notification requirement(s)
63.2525	Recordkeeping requirement(s)

[Authority for term: 40 CFR Part 63, Subpart FFFF and OAC rule 3745-77-07(C)]

e) Reporting Requirements

- (1) The permittee shall also submit annual reports that specify the total organic compound emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

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

- (2) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 63, Subpart FFFF.

63.2520	Reporting requirement(s)
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[Authority for term: 40 CFR Part 63, Subpart FFFF and OAC rule 3745-77-07(A)(3)(c)]

- (3) The permittee shall submit quarterly excursions reports:
- a. The excursion report shall identify the following:
 - i. each excursion from control device operating parameters that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, excluding excursions resulting from malfunctions reported in accordance with OAC rule 3745-15-06;
 - ii. period of time for each excursion (initially observed time and date, and end time and date);
 - iii. the probable cause of such excursions; and
 - iv. any corrective actions or preventive measures taken.
 - b. If no excursions occurred during a calendar quarter, the permittee shall submit a report that states that no excursions occurred during the quarter.; and
 - c. These reports shall be made to the OEPA, DAPC, CDO. The written reports shall be submitted electronically through Air Services quarterly, by January 31,

April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

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

- (4) The permittee shall submit quarterly deviation reports that identify the following:
- a. each incident described in Section e)(3)a.i. where a prompt investigation was not conducted;
 - b. each incident described in Section e)(3)a.i where prompt corrective action, that would bring the control device operating parameters into normal ranges was determined to be necessary and was not taken; and
 - c. each incident described in Section e)(3)a.i. where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.
 - d. The deviation report shall identify the following:
 - i. any deviations from federally enforceable emission limitations or operational restrictions, 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 OEPA, DAPC, CDO. 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.
 - e. If no deviations occurred during a calendar quarter, the permittee shall submit a report that states that no deviations occurred during the quarter.

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

- (5) The quarterly excursion reports and quarterly deviation reports may be combined to fulfill the requirements of Section e)(2) and e)(3).

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

f) Testing Requirements

- (1) 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:

a. Emission Limitation

Visible particulate emissions from the stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule for emissions units P009 and P042.

Applicable Compliance Method(s)

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

[Authority for term: OAC rule 3745-17-03(B)(1)(a) and OAC rule 3745-77-07(C)(1)]

b. Emission Limitation

PE shall not exceed 2.13 lbs/hr, based on Table I which is more stringent than the allowable PE rate from Figure II, for emissions units P009 and P042.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation may be demonstrated by multiplying the emission factor of 5.5 lbs of particulates/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of paint that can be produced (0.375 ton/hr), and by the assumed control efficiency (CE) of the baghouse (1-0.98).

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

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

c. Emission Limitation

For emission unit P042, PE shall not exceed 2.1 tpy

Applicable Compliance Method(s)

Compliance may be demonstrated by summing the emissions from each solids charging location. To determine emissions from each location, multiply the emission factor of 5.5 lbs PE/ton of paint produced (AIRS, 3/90, 30101401) by the maximum amount of solids charged (0.375 ton/hr) by the control efficiency (CE) of the fabric filter (1-0.98) by 8760 hrs/yr and divide by 2000 lbs/ton.

d. Emission Limitation

VOC emissions shall not exceed 2.85 tpy from emissions units P042 and P043 combined.

Applicable Compliance Method(s)

Compliance shall be demonstrated by multiplying the uncontrolled emission rate (103 lbs VOC/day) from P042 and P043 combined, by 365 days/yr, multiplying by the control efficiency of the TOU established during the most recent emission test that demonstrated that the emissions unit was in compliance, and dividing by 2000 lbs/ton.

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

- (2) The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. The emission testing shall be conducted within 6 months after issuance of the permit and within 6 months prior to permit expiration as specified in the Title V.
 - b. The emission testing shall be conducted to demonstrate compliance with the requirements established by 40 CFR Part 63, Subpart FFFF.
 - c. The applicable test method(s) found in Table 12 to Subpart FFFF of Part 63 – Applicability of General Provisions to Subpart FFFF shall be employed to demonstrate compliance.
 - d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
 - e. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



- f. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

[Authority for term: 40 CFR Part 63, Subpart FFFF and OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

- (1) None.

7. Emissions Unit Group -Tank Wash and Solvent Recovery: P003,P006

EU ID	Operations, Property and/or Equipment Description
P003	Portable Tank Cleaning System
P006	Solvent recovery system for processing spent solvent generated by cleaning activities.

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 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
a.	OAC rule 3745-21-07(M)(2)	See b)(2)a.
b.	OAC rule 3745-21-07(M)(5)(a)	See b)(2)b.

(2) Additional Terms and Conditions

a. For P006, the emission unit shall be equipped with a control system that reduces the organic compound emissions from the emissions units by an overall control efficiency of at least 85% by weight. If the reductions are achieved by incineration, 90% or more of the carbon in the organic material being incinerated shall be oxidized to carbon dioxide.

b. For P003, the emission unit is exempt under OAC rule 3745-21-07(M)(5)(a), because the emission unit uses clean up material as described in OAC rule 3745-21-07(M)(2).

c) Operational Restrictions

(1) The average combustion temperature within the thermal oxidizer, for any 3-hour block of time when the emission unit is in operation, shall not be less than 50 degrees Fahrenheit as determined by the three-run average temperature established by the most recent stack test.

[Authority for term: OAC rule 3745-21-07(M)(2) and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

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

[Authority for term: OAC rule 3745-21-07(M)(2) and OAC rule 3745-77-07(A)(1)]

- (2) The permittee shall collect and record the following information on a daily basis:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal oxidizer, when the emissions units were in operation, was less than 50 degrees Fahrenheit as determined by the three-run average temperature established by the most recent stack test; and
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation;

[Authority for term: OAC rule 3745-21-07(M)(2) and OAC rule 3745-77-07(C)]

e) Reporting Requirements

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

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

- (2) The permittee shall submit quarterly summaries that include a log of the downtime for the capture (collection) system, control device, and any monitoring equipment, when the associated unit was in operation. These summaries shall be submitted by January 31, April 30, July 30, and October 31 of each year and shall cover the previous calendar quarters.

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

f) Testing Requirements

- (1) 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:

- a. Emission Limitation

Emissions of organic compounds shall be reduced by at least 85%, by weight, as an overall control efficiency.

Applicable Compliance Method

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

- (i) The emission testing shall be conducted within 6 months after issuance of the permit and within 6 months prior to permit expiration.
- (ii) The emission testing shall be conducted to demonstrate compliance with the 85% overall control efficiency limitation for organic compounds and the 90% control (destruction) efficiency requirement for the thermal oxidizer.
- (iii) The following test method(s) shall be employed to demonstrate compliance with the control (destruction) efficiency requirement for the thermal oxidizer:

Methods 1 through 4, and 25 or 25A of 40 CFR Part 60, Appendix A

The test method and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases

- (iv) The test shall be conducted while all emissions units which vent to the thermal oxidizer are operating at or near their maximum capacity unless otherwise specified or approved by the Ohio EPA, Central District Office
- (v) Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- (vi) Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



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(vii) A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

g) Miscellaneous Requirements

(1) None.

8. P508, Volumetric Machine Fill #3

Operations, Property and/or Equipment Description:

M3 Filling Line. Equipment covered includes M3 labeler, M3 filler, M3 lid press and case packer.

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) d)(2)

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
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Volatile Organic Compound (VOC) emissions shall not exceed: 0.78 pound per hour (lb/hr); and 3.42 tons per year (tpy). See b)(2)a. and b.
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)c.
c.	ORC 3704.03(F)	See d)(2)

(2) Additional Terms and Conditions

a. The hourly and annual VOC emission limitations are established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, recordkeeping and/or reporting requirements to ensure compliance with these limits.

b. 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.

- c. 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 (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the uncontrolled potential to emit for VOC is less than 10 tons/year.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) The potential to emit VOC from this emissions unit was established based on the following calculation:

$$E_{VOC} = 12.46 \times \frac{S \times P \times M \times Q}{T}$$

where,

E_{voc} = total VOC loading emissions (lb/yr)

S = saturation factor (dimensionless; see Table 5.2-1 in AP-42)

P = vapor pressure of the material loaded at temperature T (psia)

M = vapor molecular weight (lb/lb-mol)

Q = volume of material loaded (1000 gal/yr)

T = temperature of liquid loaded (°R)

- (2) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit-to-install (PTI) prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a newPTI.

e) Reporting Requirements

- (1) 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.

f) Testing Requirements

- (1) 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:

- a. Emissions Limitation(s)

VOC emissions shall not exceed 0.78 lb/hr and 3.42 tpy.

Applicable Compliance Method(s)

Compliance with the hourly emission limitation shall be determined by Section d)(1).

Compliance with the annual emission limitation shall be determined by multiplying the hourly emission limitation by 8760 hours per year and dividing by 2000 pounds.

g) Miscellaneous Requirements

- (1) None.