



Environmental Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

3/16/2011

Certified Mail

Allen Francis  
Production Paint Finishers, Inc.  
140 Center Street  
Bradford, OH 45308-0127

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL  
Facility ID: 0819030169  
Permit Number: P0107777  
Permit Type: Administrative Modification  
County: Darke

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

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully. Please complete a survey at [www.epa.ohio.gov/dapc/permitsurvey.aspx](http://www.epa.ohio.gov/dapc/permitsurvey.aspx) and give us feedback on your permitting experience. We value your opinion.

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

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

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

Sincerely,

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

Cc: U.S. EPA  
RAPCA; Indiana





**FINAL**

**Division of Air Pollution Control  
Permit-to-Install  
for  
Production Paint Finishers, Inc.**

Facility ID: 0819030169  
Permit Number: P0107777  
Permit Type: Administrative Modification  
Issued: 3/16/2011  
Effective: 3/16/2011





Division of Air Pollution Control
Permit-to-Install
for
Production Paint Finishers, Inc.

Table of Contents

Authorization ..... 1
A. Standard Terms and Conditions ..... 3
1. Federally Enforceable Standard Terms and Conditions ..... 4
2. Severability Clause ..... 4
3. General Requirements ..... 4
4. Monitoring and Related Record Keeping and Reporting Requirements ..... 5
5. Scheduled Maintenance/Malfunction Reporting ..... 6
6. Compliance Requirements ..... 6
7. Best Available Technology ..... 7
8. Air Pollution Nuisance ..... 7
9. Reporting Requirements ..... 7
10. Applicability ..... 8
11. Construction of New Sources(s) and Authorization to Install ..... 8
12. Permit-To-Operate Application ..... 9
13. Construction Compliance Certification ..... 9
14. Public Disclosure ..... 9
15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations ..... 9
16. Fees ..... 9
17. Permit Transfers ..... 10
18. Risk Management Plans ..... 10
19. Title IV Provisions ..... 10
B. Facility-Wide Terms and Conditions ..... 11
C. Emissions Unit Terms and Conditions ..... 14
1. K007 Caulking and Sealant application ..... 15



## Authorization

Facility ID: 0819030169  
Facility Description: metal coating and allied services  
Application Number(s): A0041477  
Permit Number: P0107777  
Permit Description: Administrative PTI modification to clarify Best Available Technology requirements for emissions unit K007.  
Permit Type: Administrative Modification  
Permit Fee: \$0.00  
Issue Date: 3/16/2011  
Effective Date: 3/16/2011

This document constitutes issuance to:

Production Paint Finishers, Inc.  
140 Center Street  
Bradford, OH 45308-0127

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

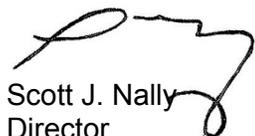
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Regional Air Pollution Control Agency  
117 South Main Street  
Dayton, OH 45422-1280  
(937)225-4435

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

  
Scott J. Nally  
Director



## **Authorization (continued)**

Permit Number: P0107777  
Permit Description: Administrative PTI modification to clarify Best Available Technology requirements for emissions unit K007.

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

<b>Emissions Unit ID:</b>	<b>K007</b>
Company Equipment ID:	Caulking application
Superseded Permit Number:	P0104859
General Permit Category and Type:	Not Applicable

## **A. Standard Terms and Conditions**

**1. Federally Enforceable Standard Terms and Conditions**

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
  - (1) Standard Term and Condition A.2.a), Severability Clause
  - (2) Standard Term and Condition A.3.c) through A. 3.e) General Requirements
  - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
  - (4) Standard Term and Condition A.9., Reporting Requirements
  - (5) Standard Term and Condition A.10., Applicability
  - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
  - (7) Standard Term and Condition A.14., Public Disclosure
  - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
  - (9) Standard Term and Condition A.16., Fees
  - (10) Standard Term and Condition A.17., Permit Transfers

**2. Severability Clause**

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

**3. General Requirements**

- a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.
- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

#### 4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - (1) The date, place (as defined in the permit), and time of sampling or measurements.
  - (2) The date(s) analyses were performed.
  - (3) The company or entity that performed the analyses.
  - (4) The analytical techniques or methods used.
  - (5) The results of such analyses.
  - (6) The operating conditions existing at the time of sampling or measurement.
- b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Regional Air Pollution Control Agency.
  - (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and 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 Regional Air Pollution Control Agency. The written reports shall be submitted (i.e., postmarked)

quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.

- (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the Regional Air Pollution Control Agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
  - (4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

#### 5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Regional Air Pollution Control Agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

#### 6. Compliance Requirements

- a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.
- b) Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- c) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
  - (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.



- (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- d) The permittee shall submit progress reports to the Regional Air Pollution Control Agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
- (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**7. Best Available Technology**

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

**8. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**9. Reporting Requirements**

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Regional Air Pollution Control Agency.
- b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Regional Air Pollution Control Agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

**10. Applicability**

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

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

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.
- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).
- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.



No emissions unit certified by the authorized official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

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

## 12. Permit-To-Operate Application

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

## 13. Construction Compliance Certification

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

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.
- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

## 14. Public Disclosure

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

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

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

## 16. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

**17. Permit Transfers**

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

**18. Risk Management Plans**

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

**19. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

## **B. Facility-Wide Terms and Conditions**



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

a) None.

2. 40 CFR Part 63, Subpart A:

Emissions units K001, K004, K006, K007, and K008 are subject to the provisions of the General Provisions of the National Emission Standards for Hazardous Air Pollutants (40 CFR Part 63, Subpart A).

The applicable provisions of 40 CFR Part 63, Subpart A are identified in Table 2 of 40 CFR Part 63, Subpart MMMM and Table 2 of 40 CFR Part 63, Subpart PPPP.

3. 40 CFR Part 63, Subpart MMMM

Emissions units K001, K004, K006, K007, and K008 are subject to the provisions of the National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (40 CFR Part 63, Subpart MMMM).

a) Applicable Emissions Limitations, Operating Limitations, and Work Practice Limitations:

The permittee shall comply with the applicable limitations of 40 CFR Parts 63.3880 – 63.3901.

b) Monitoring and Record Keeping Requirements:

The permittee shall comply with the applicable monitoring and record keeping requirements of 40 CFR Parts 63.3910 – 63.3981.

c) Reporting Requirements:

The permittee shall comply with the applicable reporting requirements of 40 CFR Parts 63.3910 – 63.3981.

d) Testing Requirements:

The permittee shall comply with the applicable testing requirements of 40 CFR Parts 63.3910 – 63.3981.

4. 40 CFR Part 63, Subpart PPPP:

Emissions units K001, K004, K006, K007, and K008 are subject to the provisions of the National Emission Standards for Hazardous Air Pollutants: Surface Coating of Plastic Parts and Products (40 CFR Part 63, Subpart PPPP).

a) Applicable Emissions Limitations, Operating Limitations, and Work Practice Limitations:

The permittee shall comply with the applicable limitations of 40 CFR Parts 63.4480 – 63.4501.

b) Monitoring and Record Keeping Requirements:

The permittee shall comply with the applicable monitoring and record keeping requirements of 40 CFR Parts 63.4510 – 63.4581.

c) Reporting Requirements:

The permittee shall comply with the applicable reporting requirements of 40 CFR Parts 63.4510 – 63.4581.

d) Testing Requirements:

The permittee shall comply with the applicable testing requirements of 40 CFR Parts 63.4510 – 63.4581

5. Predominant Activity Alternative Compliance Option for 40 CFR Part 63 Subpart M MMM and 40 CFR Part 63 Subpart P PPP:

The permittee has the option to comply with either 40 CFR Part 63 Subpart M MMM or 40 CFR Part 63 Subpart P PPP as stated in 40 CFR Part 63.3381(e)(2) of Subpart M MMM and 40 CFR Part 63.4481(e)(2) of Subpart P PPP.

Should the permittee choose the Predominant Activity Alternative Compliance Option, then the permittee must determine the predominant surface coating activity at the facility in order to establish the applicable rule requirements. This option is available to facilities that perform more than one type of surface coating operation. The predominant activity is identified as the surface coating activity that accounts for 90% or more of the permittee's coating operations.

This determination shall be performed annually as stated in 40 CFR Part 63.3381(e)(2)(ii) of Subpart M MMM and 40 CFR Part 63.4481(e)(2)(ii) of Subpart P PPP and shall be submitted to RAPCA by January 31 of each year.

## **C. Emissions Unit Terms and Conditions**



**1. K007 Caulking and Sealant application**

**Operations, Property and/or Equipment Description:**

Caulking and Sealant application throughout the facility

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) b)(2)a. and b)(2)b.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 2.03 pounds per hour and 8.9 tons per year.  See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii)	See b)(2)b. and b)(2)c.
c.	OAC rule 3745-21-09(U)(1)(c)	See b)(2)d.
d.	OAC rule 3745-21-09(U)(1)(d)	See b)(2)e.
e.	40 CFR Part 63, Subpart MMMM [40 CFR Part 63.3890(b)(1)]	The organic hazardous air pollutant (HAP) emissions from metal parts and products coating shall be limited to no more than 0.31 kg (2.6 lbs) organic HAP per liter (gallon), during each 12-month compliance period.  See Section B.3. and B.5.
f.	40 CFR Part 63, Subpart PPPP [40 CFR Part 63.4490(b)(1)]	The organic HAP emissions from plastic parts and products coating shall not exceed 0.16 kilogram (0.16 lb) per kilogram (lb) coating solids used during each 12-month compliance period.  See Section B.4. and B.5.
g.	40 CFR Part 63, Subpart A	Table 2 of 40 CFR Part 63, Subpart MMMM and Table 2 of 40 CFR Part 63, Subpart PPPP identify the applicable provisions of 40 CFR Part 63. 1-15.

## (2) Additional Terms and Conditions

- a. 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.

- b. 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 (volatile organic compound) VOC emissions from this air contaminant source because the potential to emit for VOC of 8.90 tons per year (TPY) is less than 10.0 TPY, taking into account the federally enforceable limit of 3.5 pounds of VOC/gallon (excluding water and exempt solvents) from OAC rules 3745-21-09(U)(1)(c) and (U)(1)(d), the maximum application rate of 0.58 gallon/hour, and 8,760 hours of operation/year.

- c. The coatings applied in this emissions unit consist of caulks and sealants applied manually using caulking guns. The caulks and sealants are applied throughout the facility, and the VOC emissions are not directed to any vent or stack.
- d. The VOC content of each coating applied in this emissions unit that is air dried at less than 200 degrees Fahrenheit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.
- e. The VOC content of each extreme performance coating applied in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

## c) Operational Restrictions

- (1) None.

## d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee, having chosen to demonstrate compliance by means of a daily volume-weighted average VOC content, shall collect and record the following information each day for the emissions unit:

- a. the name and identification of each coating, as applied;
- b. the mass of VOC per volume of coating (excluding water and exempt solvents) and the volume, in gallons (excluding water and exempt solvents), of each coating, as applied; and
- c. the daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for  $C_{VOC,2}$ , as follows:

$$(C_{voc,2})_A = \frac{\sum_i^n C_{voc,2i} L_{ci} (V_{si} + V_{voci})}{\sum_i^n L_{ci} (V_{si} + V_{voci})}$$

where:

$(C_{VOC,2})_A$  = daily volume-weighted average VOC content of all coatings, as applied.

$C_{VOC,2}$  is the VOC content in pounds of VOC per gallon of coating, excluding water and exempt solvents, calculated as follows:

$$C_{voc,2} = \frac{(D_c) (W_{voc})}{V_s + V_{voc}}$$

where:

$D_c$  = density of coating, in pounds of coating per gallon of coating.

$V_s$  = the volume fraction of solids in coating, in gallons of solids per gallon of coating.

$$W_{voc} = W_{vm} - W_w - W_{ES}$$

$W_{VM}$  = weight fraction of volatile matter in coating, in pound of volatile matter per pound of coating.

$W_w$  = weight fraction of water in coating, in pound of water per pound of coating.

$W_{ES}$  = weight fraction of exempt solvent in coating, in pound of exempt solvent per pound of coating.

$$V_{voc} = V_{vm} - V_w - V_{ES}$$

$V_{VM}$  = volume fraction of volatile matter in coating, in gallon of volatile matter per gallon of coating.

$V_w$  = volume fraction of water in coating, in gallon of water per gallon of coating.

$V_{ES}$  = volume fraction of exempt solvent in coating, in gallon of exempt solvent per gallon of coating.

A = subscript denoting that the indicated VOC content is a weighted average of the coatings employed during time period "t".

$L_C$  = liquid volume of coating employed during time period "t", in gallons of coating.

$M_C$  = mass of coating employed during the time period "t", in pounds of coating.

i = subscript denoting a specific coating employed during time period "t".

n = total number of coatings employed during time period "t".

t = time period specified for the weighted average VOC content.

- (2) The permittee shall collect and record the following records each month for the purpose of determining annual VOC emissions:
    - a. the name and identification of each coating employed;
    - b. the VOC content of each coating, in pounds of VOC per gallon of coating, as applied;
    - c. the volume, in gallons, of each coating applied; and
    - d. the total VOC emissions, in tons [the summation of d)(2)b. times d)(2)c. for all coatings employed, divided by 2,000 pounds per ton].
  - (3) The permittee shall collect and record the following information each month for the purpose of determining annual organic compound (OC) emissions as required for the Title V Fee Emissions Report (FER):
    - a. the name and identification of each coating employed;
    - b. the OC content of each coating, in pounds per gallon;
    - c. the volume, in gallons, of each coating employed; and
    - d. the total OC emissions from all coatings employed, in tons [the summation of d)(3)b. times d)(3)c. for all coatings employed, divided by 2000 pounds per ton].
- e) Reporting Requirements
- (1) The permittee shall notify RAPCA in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation of b)(2)c. and b)(2)d. The notification shall include a copy of such record and shall be sent to RAPCA within 45 days following the end of the calendar month.
  - (2) The permittee shall submit annual reports that specify the total OC and VOC 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 FER.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) and b)(2) shall be determined in accordance with the following method(s):

a. Emission Limitation -

The VOC content of each coating applied in this emissions unit that is air dried at less than 200 degrees Fahrenheit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method –

Compliance shall be based upon the record keeping requirements of d)(1) and manufacturer coating formulation data. If requested, the VOC contents of the coatings shall be determined according to the requirements of U.S. EPA Reference Method 24 of 40 CFR Part 60, Appendix A.

b. Emissions Limitation -

The VOC content of each extreme performance coating applied in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method –

Compliance shall be based upon the record keeping requirements of d)(1). The VOC contents of the coatings shall be determined according to the requirements of U.S. EPA Reference Method 24 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.