

Facility ID: 0708000017 Issuance type: Title V Proposed Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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## **Part II - Specific Facility Terms and Conditions**

### **a State and Federally Enforceable Section**

1. None

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### **b State Only Enforceable Section**

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

P001 - abrasive blast booth.

[Go to Part III for Emissions Unit K001](#)

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 0708000017 Emissions Unit ID: K001 Issuance type: Title V Proposed Permit

**A. State and Federally Enforceable Section**

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.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K001 - paint spray booth for miscellaneous metal products with a preheater and drying oven	OAC rule 3745-31-05(A)(3) (PTI 07-00575)	See sections A.I.2.a through A.I.2.c below.
	OAC rule 3745-21-09(U)(2)(f)	See section A.I.2.d below.
	OAC rule 3745-31-05(C)	See section A.I.2.e below.

**2. Additional Terms and Conditions**

- a. The monthly volume-weighted average volatile organic compounds (VOC) content for all coatings employed shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water for all coatings employed.
- b. The permittee shall emit no more than 2008.0 pounds per day of VOC from this emissions unit.
- c. The total rolling, 12-month VOC emissions (including cleanup emissions) shall not exceed 204.4 TPY.
- d. Pursuant to OAC rule 3745-21-09(U)(2)(f), the Director has determined that "best available technology" for this emissions unit is a control requirement or emission limitation that is either less stringent than or inconsistent with the requirements of paragraph (U)(1) of OAC rule 3745-21-09. Specifically, the VOC content limitation in the PTI for the coatings is less stringent than the applicable VOC content limitation in paragraph (U)(1) of OAC rule 3745-21-09.
- e. Emissions of hazardous air pollutant (HAP) shall not exceed 9.9 tons/yr for each individual HAP and 24.9 tons/yr for total, combined HAPs, based on rolling, 12-month summations.

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain daily records of the following information:
  - a. the company identification of the surface coating, thinner and cleaning solvent employed;
  - b. the number of gallons employed, excluding water;
  - c. the VOC content, in pounds of VOC per gallon, excluding water, of each coating, thinner and cleaning solvent; and
  - d. the total daily VOC emissions (including cleanup emissions), in pounds.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

2. The permittee shall also maintain monthly records of the following information:
  - a. the total VOC emissions (including cleanup emissions) for the calendar month, in pounds;
  - b. the monthly volume-weighted average VOC content, as determined using equation Cvoc,2 provided in OAC rule 3745-21-10(B)(9), for all coatings employed, in pounds of VOC per gallon of coating, excluding water; and
  - c. the total rolling, 12-month VOC emissions (including cleanup emissions) as of the last day of the calendar month, in pounds.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

3. The permittee shall collect and record the following information each month for the purpose of determining HAP\* emissions:
  - a. the name and company identification of each coating material employed;
  - b. the number of gallons of each coating material employed;
  - c. the individual HAP content for each HAP of each coating material employed, in pounds of individual HAP per gallon, as applied;
  - d. the total combined HAPs content of each coating material employed, in pounds of combined HAPs per gallon [i.e., the sum of individual HAP contents from (c)], as applied;
  - e. the number of gallons of each cleanup material employed;
  - f. the individual HAP content for each HAP of each cleanup material employed, in pounds of individual HAP per gallon, as applied;
  - g. the total combined HAPs content of each cleanup material employed, in pounds of combined HAPs per gallon [i.e., the sum of individual HAP contents from (f)], as applied;
  - h. the rolling, 12-month summation of total individual HAP emissions for each HAP from all the coatings and cleanup materials employed, in tons; and
  - i. the rolling, 12-month summation of total combined HAPs emissions from all the coatings and cleanup materials, in tons.

\* A listing of the Hazardous Air Pollutants can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency.

Material Safety Data Sheets typically include a listing of the solvents contained in the coating or cleanup materials. This information does not have to be kept on an emissions unit-by-emissions unit basis.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

4. The records, as well as any supporting coating analyses and computations, shall be retained in the company's files for a period of not less than five years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

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

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#### IV. Reporting Requirements

1. The permittee shall notify the Director (the Portsmouth local air agency) in writing of any monthly record showing the use of noncomplying coatings (regarding VOC content, excluding water). The notification shall include a copy of such record and shall be sent to the Director (the Portsmouth local air agency) within 30 days following the end of the calendar month.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

2. The permittee shall submit deviation (excursion) reports that include the following information:
  - a. an identification of each day during which the VOC emissions exceeded 2008 pounds per day, and the actual VOC emissions for each such day;
  - b. an identification of all exceedances of the rolling, 12-month VOC emission limitation of 204.4 TPY; and
  - c. all exceedances of the rolling, 12-month individual HAP and total, combined HAPs emission limitations of 9.90 tons and 24.90 tons, respectively.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

3. These deviation (excursion) reports shall be submitted in accordance with the requirements of Part 1 - General Terms and Conditions of this permit under section A.1.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

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V. **Testing Requirements**

1. Compliance with the emissions limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation:
 

The monthly volume-weighted average VOC content for all coatings employed shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water

Applicable Compliance Method:

Compliance shall be demonstrated based upon the requirements of equation Cvoc,2 of OAC 3745-21-10 (B)(9) and the record keeping requirements specified in section A.III.2.

U.S. EPA Methods 24 and 24A shall be used to determine the VOC contents for coatings. If, pursuant to section 11.4 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the owner or operator shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
  - b. Emission Limitation:
 

The permittee shall emit no more than 2008.0 pounds per day of VOC from this emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.1.
  - c. Emission Limitation:
 

The total rolling, 12-month VOC emissions (including cleanup emissions) shall not exceed 204.4 TPY.

Applicable Compliance Limitation:

Compliance shall be demonstrated based upon the record keeping requirements specified in section A.III.2 and shall be the rolling summation of the monthly VOC emission rates.
  - d. Emission Limitation:
 

Emissions of HAP shall not exceed 9.9 tons/yr for each individual HAP and 24.9 tons/yr for total, combined HAPs, based on rolling, 12-month summations.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the summation of the monthly records from the record keeping requirements specified in section A.III.3.

[Authority for term: PTI 07-00575 and OAC rule 3745-77-07(C)(1)]

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VI. **Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution requirements for this emissions unit contained in permit to install number 07-00575, as issued on January 2, 2007: A.I through A.V.
 

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

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**Facility ID: 0708000017 Emissions Unit ID: K001 Issuance type: Title V Proposed Permit**

**B. State Enforceable Section**

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.

**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
<b>2. Additional Terms and Conditions</b>		
1. None		

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. None

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**IV. Reporting Requirements**

1. None

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**V. Testing Requirements**

1. None

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**VI. Miscellaneous Requirements**

1. None