

Facility ID: 1677120059 Issuance type: Final State Permit To Operate

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 II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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[Go to Part II for Emissions Unit R001](#)

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Facility ID: 1677120059 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
application of heat-cured powder coatings and application of heat-cured wet paints, primers, and fluoropolymer coatings on metal and plastic	OAC rule 3745-31-05 (PTI 16-1245)	Total facility emissions shall be limited to 2.0 tons/year of organic compounds.
	OAC rule 3745-21-07(G)	The permittee shall employ exhaust fan filter elements at all times this emissions unit is in operation. When coating wood, plastic, or rubber, the following emission limits shall apply on any day photochemically reactive materials are used: 8 pounds/hour and 40 pounds/day of organic compounds.
	OAC rule 3745-21-09(U)	[Note: photochemically reactive material is defined in OAC rule 3745-21-01(C)(5).] When coating metal, the following restriction shall apply: no more than 3 gallons/day of coating (including volume of paint thinners added).

**2. Additional Terms and Conditions**

- (a) None

**B. Operational Restrictions**

1. None

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

1. The permittee shall collect and record yearly the following information for the purpose of determining facility-wide organic compound emissions each calendar year:
  - a. the name and identification of each coating, thinner, and cleanup material employed;
  - b. the number of gallons of each coating, thinner, and cleanup material employed;
  - c. the organic compound content of each coating, thinner, and cleanup material employed, in pounds of organic compounds per gallon of respective coating, thinner, or cleanup material; and
  - d. the total organic compound emissions from all coatings, thinners, and cleanup materials employed, in tons, i.e.,  $d = (\text{sum of } [b \times c])/2000$ , respectively, for all coatings, thinners, and cleanup materials.
2. When coating metal, the permittee shall collect and record the following information each day for the coating line:
  - a. the name and identification number of each coating and thinner employed;
  - b. the volume, in gallons, of each coating and thinner employed; and

- c. the combined volume, in gallons, of all coatings and thinners employed.
3. When coating wood, plastic, or rubber, the permittee shall collect and record the following information each day photochemically reactive materials are used in the coating line:
- The company identification of each coating, thinner, and photochemically reactive cleanup material used.
  - The number of gallons of each coating, thinner, and photochemically reactive cleanup material used.
  - The organic compound content of each coating, thinner, and photochemically reactive cleanup material used, in pounds of organic compounds per gallon of respective coating, thinner, or photochemically reactive cleanup material.
  - The total emissions from all coatings, thinners, or photochemically reactive cleanup materials used, in pounds of organic compounds, i.e.,  $d = \text{sum of } [b \times c]$ , respectively, for all coatings, thinners, and photochemically reactive cleanup materials used.
  - The total number of hours the emissions unit was in operation; and
  - The average hourly organic compound emission rate from all coatings, thinners and photochemically reactive cleanup materials, i.e.,  $f = d/e$ , in pounds per hour (average).

**D. Reporting Requirements**

- The permittee shall submit deviation (excursion) reports which include the following information:
  - for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from coatings, thinners, and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and
  - for the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from coatings, thinners, and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- 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.
- The permittee shall submit deviation (excursion) reports which identify each calendar year during which the yearly organic compound emissions from this emissions unit exceeded 2.0 tons. The yearly organic compound emissions exceedance report shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 of each year.
- The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 2 of this permit.

**E. Testing Requirements**

- Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: 2.0 tons/year of organic compounds (facility-wide)  
  
Applicable Compliance Method: Compliance shall be demonstrated by the record keeping requirements of section C.1 above.  
Emission Limitation: 8 pounds/hour and 40 pounds/day of organic compounds on any day photochemically reactive materials are used.  
  
Applicable Compliance Method: Compliance shall be demonstrated by the record keeping requirements of section C.3 above.

**F. Miscellaneous Requirements**

- None

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**Part II - Special Terms and Conditions**

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- For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - None.
- For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - None.

**A. 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>
application of UV-cured coatings on metal, plastic, rubber, and wood	OAC rule 3745-31-05 (PTI 16-1245)	Total facility emissions shall be limited to 2.0 tons/year of organic compounds.
	OAC rule 3745-21-07(G)	The permittee shall employ exhaust fan filter elements at all times this emissions unit is in operation. When coating wood, plastic, or rubber, the following emission limits shall apply on any day photochemically reactive materials are used: 8 pounds/hour and 40 pounds/day of organic compounds.
	OAC rule 3745-21-09(U)	[Note: photochemically reactive material is defined in OAC rule 3745-21-01(C)(5).] When coating metal, the following restriction shall apply: no more than 3 gallons/day of coating (including volume of paint thinners added).

**2. Additional Terms and Conditions**

- (a) None

**B. Operational Restrictions**

1. None

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

1. The permittee shall collect and record yearly the following information for the purpose of determining facility-wide organic compound emissions each calendar year:
  - a. the name and identification of each coating, thinner, and cleanup material employed;
  - b. the number of gallons of each coating, thinner, and cleanup material employed;
  - c. the organic compound content of each coating, thinner, and cleanup material employed, in pounds of organic compounds per gallon of respective coating, thinner, or cleanup material; and
  - d. the total organic compound emissions from all coatings, thinners, and cleanup materials employed, in tons, i.e.,  $d = (\text{sum of } [b \times c]) / 2000$ , respectively, for all coatings, thinners, and cleanup materials.
2. When coating metal, the permittee shall collect and record the following information each day for the coating line:
  - a. the name and identification number of each coating and thinner employed;
  - b. the volume, in gallons, of each coating and thinner employed; and
  - c. the combined volume, in gallons, of all coatings and thinners employed.
3. When coating wood, plastic, or rubber, the permittee shall collect and record the following information each day photochemically reactive materials are used in the coating line:
  - a. The company identification of each coating, thinner, and photochemically reactive cleanup material used.
  - b. The number of gallons of each coating, thinner, and photochemically reactive cleanup material used.
  - c. The organic compound content of each coating, thinner, and photochemically reactive cleanup material used, in pounds of organic compounds per gallon of respective coating, thinner, or photochemically reactive cleanup material.
  - d. The total emissions from all coatings, thinners, or photochemically reactive cleanup materials used, in pounds of organic compounds, i.e.,  $d = \text{sum of } [b \times c]$ , respectively, for all coatings, thinners, and photochemically reactive cleanup materials used.
  - e. The total number of hours the emissions unit was in operation; and
  - f. The average hourly organic compound emission rate from all coatings, thinners and photochemically reactive cleanup materials, i.e.,  $f = d/e$ , in pounds per hour (average).

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from coatings, thinners, and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

- b. for the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from coatings, thinners, and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
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.
  3. The permittee shall submit deviation (excursion) reports which identify each calendar year during which the yearly organic compound emissions from this emissions unit exceeded 2.0 tons. The yearly organic compound emissions exceedance report shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 of each year.
  4. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 2 of this permit.
- E. Testing Requirements**
1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: 2.0 tons/year of organic compounds (facility-wide)  
  
Applicable Compliance Method: Compliance shall be demonstrated by the record keeping requirements of section C.1 above.  
Emission Limitation: 8 pounds/hour and 40 pounds/day of organic compounds on any day photochemically reactive materials are used.  
  
Applicable Compliance Method: Compliance shall be demonstrated by the record keeping requirements of section C.3 above.
- F. Miscellaneous Requirements**
1. None