

Facility ID: 0679010309 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.

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 0679010309 Emissions Unit ID: R001 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>
Spray booth number 1 vented through paper filters	OAC rule 3745-17-11(B)	Particulate emissions (PE) shall not exceed 25.7 pounds per hour.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed twenty percent opacity, as a six-minute average, except for a period of six consecutive minutes in any sixty minutes. Visible particulate emissions shall not exceed sixty percent opacity, as a six minute average, at any time.
	OAC rule 3745-31-05(A)(3)(b)	PE shall not exceed 1.4 tons/yr.  See Section A.2.a
		Emissions of organic compounds (OC) shall not exceed 9.9 tons/yr.  See Section A.2.b
	OAC rule 3745-21-07(G)(2)	Not applicable. See Section A.2.c.

**2. Additional Terms and Conditions**

- (a) Permit to Install 06-08324, issued August 16, 2007 for this air contaminant source, takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements for PE under OAC rule 3745-31-05(A)(3):
  - Use of dry particulate filters.
  - Permit to Install 06-08324, issued August 16, 2007 for this air contaminant source, takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements for OC under OAC rule 3745-31-05(A)(3):
    - Usage of solvent-based coatings shall not exceed 16,500 gallons per year.
    - Coatings shall not exceed an OC content of 1.2 pounds per gallon.
    - Solvent-based cleanup materials shall not be employed.
    - The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

**B. Operational Restrictions**

1. All exhaust from the spray booth shall pass through the dry filters whenever this emissions unit is in operation.

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

1. The permittee shall maintain daily records that document all time periods when the dry filters were not in service when the emissions unit was in operation.
2. The permittee shall collect and record the following information each year for all coatings and cleanup materials employed in this emissions unit:

- a. the name and identification of each coating employed;
- b. the number of gallons of solvent-based coatings employed;
- c. the VOC content of each coating, as applied, in pounds per gallon;
- d. documentation for each cleanup material as to whether or not it is solvent-based;
- e. documentation for each coating as to whether or not it is a photochemically reactive material as defined by OAC rule 3745-21-01(C)(5).

**D. Reporting Requirements**

1. The permittee shall notify the Director in writing of any daily record showing that the dry filters were not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Southeast District Office (SEDO) within 30 days after the event occurs.
2. The permittee shall notify the Southeast District Office in writing of any annual record showing that any of the following occurred:
  - a. the number of gallons of solvent-based coatings employed exceeded 16,500;
  - b. the VOC content of any coating, as applied, exceeded 1.2 pounds per gallon;
  - c. a solvent-based cleanup material was employed;
  - d. a photochemically reactive material was employed.

The notification shall include a copy of such record and shall be sent to the Southeast District Office within 30 days after the exceedance occurs.

**E. Testing Requirements**

1. Compliance Methods Requirements: Compliance with the emission limitation(s) established in this permit shall be determined in accordance with the following method(s):  
Emission Limitation:

Particulate emissions (PE) shall not exceed 25.7 pounds per hour.  
PE shall not exceed 1.4 tons/yr.

Applicable Compliance Method:

The emission limitations represent the maximum potential of the emissions unit as determined by the following equations:

$$(17.87 \text{ gal/hr})(13.25 \text{ lbs/gal})(1 - 0.5 \text{ transfer efficiency})(1 - 0.998 \text{ control efficiency}) = 0.237 \text{ lb/hr}$$

$$(0.237 \text{ lb/hr})(8760 \text{ hr/yr})(0.0005 \text{ ton/lb}) = 1.04 \text{ tons/yr}$$

Emission Limitation:

Emissions of organic compounds (OC) shall not exceed 9.9 tons/yr.

Applicable Compliance Method:

The emission limitations represent the maximum potential of the emissions unit as determined by multiplying the maximum coating VOC content by the maximum usage rate for that coating.

$$(16,500 \text{ gal/yr})(1.2 \text{ lbs/gal})(0.0005 \text{ ton/lb}) = 9.9 \text{ tons/yr}$$

**F. Miscellaneous Requirements**

1. None