

Facility ID: 1431424105 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: 1431424105 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>
paint spray booth No. 1	OAC rule 3745-31-05(A)(3) (PTI 14-05227)	7.0 lbs/hour of volatile organic compound (VOC) emissions, excluding VOC emissions from the use of cleanup materials  1.65 tons per year (TPY) of VOC emissions, including VOC emissions from the use of cleanup materials  See Sections A.2, B.1 and B.2 below.
	OAC rule 3745-21-09(U)(1)	Exempt, pursuant to the provisions of OAC rule 3745-21-09(U)(2)(c).

**2. Additional Terms and Conditions**

- (a) The VOC content of each coating material employed in this emissions unit shall not exceed 7.0 pounds of VOC per gallon of coating, excluding water and exempt solvents.  
The VOC content of each cleanup material employed in this emissions unit shall not exceed 7.0 pounds of VOC per gallon.  
The hourly VOC emission limitation specified above is based upon the emissions unit's potential to emit. Therefore, no hourly monitoring, record keeping or reporting is required to demonstrate compliance with this emission limitation.

**B. Operational Restrictions**

1. The maximum annual coating usage shall not exceed 410 gallons, excluding water and exempt solvents.
2. The maximum annual cleanup material usage shall not exceed 60 gallons.

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

1. The permittee shall collect and record the following information each month for this emissions unit:
  - a. the name and identification number of each coating and cleanup material employed;
  - b. the volume, in gallons, of each coating employed, excluding water and exempt solvents;
  - c. the volume, in gallons, of each cleanup material employed;
  - d. the total volume, in gallons, of all coatings employed, excluding water and exempt solvents (summation of (b) for all coatings employed during the calendar month);
  - e. the total volume, in gallons, of all cleanup materials employed (summation of (c) for all cleanup materials employed during the calendar month);
  - f. the VOC content of each coating, in pounds per gallon, as applied, excluding water and exempt solvents;
  - g. the VOC content of each cleanup material, in pounds per gallon, as applied; and
  - h. the total VOC emissions for all coatings and cleanup materials employed, in pounds [summation of (b x f) for all coatings employed during the calendar month, plus the summation of (c x g) for all cleanup materials employed during the calendar month].

2. The permittee shall maintain annual records of the following information for this emissions unit:
  - a. the total coating usage, in gallons, for the calendar year [summation of C.1.d for all months of the calendar year];
  - b. the total cleanup material usage, in gallons, for the calendar year [summation of C.1.e for all months of the calendar year]; and
  - c. total VOC emissions, in tons, for the calendar year [summation of C.1.h for all months of the calendar year, and divided by 2,000 lbs/ton].

**D. Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services, in writing, of any record showing the use of any noncomplying coatings and/or cleanup materials (i.e., for VOC content) employed in this emissions unit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days following the end of the calendar month.
2. The permittee shall submit annual reports that summarize the following information for this emissions unit:
  - a. the total VOC emissions, in tons, from all coatings and cleanup materials employed in this emissions unit for the previous calendar year;
  - b. the total number of gallons of all coatings employed in this emissions unit for the previous calendar year; and
  - c. the total number of gallons of all cleanup materials employed in this emissions unit for the previous calendar year.

The reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 of each year and cover information for the previous calendar year.

**E. Testing Requirements**

1. Compliance with the VOC emission limitations, VOC content limitations and material usage restrictions specified in Sections A and B shall be determined by the following methods:

VOC Emission Limitations: 7.0 lbs/hour of VOC emissions, excluding VOC emissions from the use of cleanup materials; 1.65 TPY of VOC emissions, including VOC emissions from the use of cleanup materials

Applicable Compliance Method: The hourly VOC emission limitation represents the emissions unit's potential to emit and was established by multiplying the maximum hourly paint usage (1.0 lb/hour), by the maximum VOC content of the paints (7.0 lbs of VOC/gallon).

Compliance with the annual VOC emission limitation shall be determined by the record keeping requirements specified in Section C.2. In addition, compliance with the annual VOC emission limitation is ensured if compliance is maintained with the annual coating and cleanup material usage restrictions and the VOC content limitations.

VOC Content Limitations: not to exceed 7.0 lbs/gallon of VOC for each coating employed; not to exceed 7.0 lbs/gallon for each cleanup material employed

Applicable Compliance Method: Compliance with the VOC content limitations shall be determined by the record keeping requirements specified in Section C.1. Formulation data or Method 24 shall be used to determine the VOC content of all coatings and cleanup materials employed.

Material Usage Restrictions: 410 gallons/year for coatings, excluding water and exempt solvents; 60 gallons/year of cleanup materials

Applicable Compliance Method: Compliance with the material usage restrictions shall be determined by the record keeping requirements specified in Section C.2.

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound is less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install 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 pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.