

Facility ID: 1409030922 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: 1409030922 Emissions Unit ID: K002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
original paint spray booth for miscellaneous metal parts	OAC rule 3745-31-05 (A)(3) (PTI 14-04948)	Coatings: 42.0 lbs of volatile organic compound (VOC)/day 1.14 tons per year (TPY) of VOC  Cleanup Materials: 51.1 lbs of VOC/month 0.29 TPY of VOC  The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).
	OAC rule 3745-21-09(U)(1)(c)	3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, based upon a daily, volume-weighted average.

2. **Additional Terms and Conditions**
  - (a) The VOC content of each cleanup material employed shall not exceed 7.3 pounds per gallon. The daily emission limitation specified above for coatings is based upon the emissions unit's potential to emit (the maximum hourly emission rate multiplied by 24 hours/day). Therefore, no daily records are required to demonstrate compliance with this limit.

**B. Operational Restrictions**

1. The maximum cleanup material usage for this emissions unit shall not exceed 7 gallons per month and 80 gallons per year.
2. The maximum annual coating usage for this emissions unit shall not exceed 650 gallons per year, excluding water and exempt solvents.

**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 cleanup material employed;
  - b. the VOC content of each cleanup material, in pounds per gallon;
  - c. the number of gallons of each cleanup material employed;
  - d. the total VOC emissions from all cleanup materials, in pounds [the summation of (b x c) for all cleanup materials]; and
  - e. the total number of gallons of all cleanup materials employed.
2. The permittee shall collect and record the following information on a daily basis for the purpose of determining the daily, volume-weighted average VOC content for all coatings employed in this emissions unit:
  - a. the name and identification number of each coating, as applied;

- b. the VOC content of each coating, in pounds per gallon, excluding water and exempt solvents, as applied;
  - c. the number of gallons of each coating employed, excluding water and exempt solvents;
  - d. 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 Cvoc,2;
  - e. the total VOC emissions from all coatings employed, in pounds [the summation of (b x c) for all coatings employed]; and
  - f. the total number of gallons of all coatings employed, excluding water and exempt solvents.
3. The permittee shall maintain annual records of the following information for this emissions unit:
- a. the total number of gallons of all coatings employed, excluding water and exempt solvents (summation of C.2.f for all days during the calendar year);
  - b. the total number of gallons of all cleanup materials employed (summation of C.1.e for all months during the calendar year);
  - c. the total VOC emissions from all coatings, in tons (summation of C.2.e for all days during the calendar year, divided by 2,000); and
  - d. the total VOC emissions from all cleanup materials, in tons (summation of C.1.d for all months during the calendar year, divided by 2,000).

**D. Reporting Requirements**

- 1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily and/or monthly record showing the use of noncomplying coatings or cleanup materials (i.e., for VOC content). In addition, the permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the monthly usage limitation for cleanup materials. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.
- 2. The permittee shall submit annual reports that summarize the annual coating usage, excluding water and exempt solvents, and annual cleanup material usage, as well as the VOC emissions from coatings and cleanup materials. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

**E. Testing Requirements**

- 1. Compliance with the VOC content limitations, VOC emission limitations and material usage limitations shall be determined as follows:
  - a. VOC Content Limitations: 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, based upon a daily, volume-weighted average; 7.3 pounds of VOC per gallon of cleanup material

Applicable Compliance Method: Compliance with the VOC content limitation for coatings shall be based upon the record keeping performed pursuant to Section C.2. In accordance with OAC rule 3745-21-04(B)(5), U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to Section 4.3 of Method 24, 40 CFR, Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so 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. Formulation data or U.S. EPA Method 24 shall be used to determine the VOC content of any cleanup material.

- b. VOC Emission Limitation: 42.0 lbs of VOC/day, for coatings only

Applicable Compliance Method: Compliance with the daily VOC emission rate has been determined by multiplying the maximum hourly coating usage rate, in pounds, by the maximum VOC content of the coating, in pounds/gallon, multiplied by 24 hrs/day.

- c. VOC Emission Limitation: 51.1 lbs of VOC/month, for cleanup materials only

Applicable Compliance Method: Compliance with the monthly VOC emission limitation shall be determined by the record keeping performed pursuant to Section C.1.

- d. VOC Emission Limitations: 1.14 TPY of VOC, for coatings; 0.29 TPY of VOC, for cleanup materials

Applicable Compliance Method: Compliance with the annual VOC emission limitation for coatings and cleanup materials shall be determined by the record keeping pursuant to Section C.3.

- e. Material Usage Limitation: 7 gallons per month for cleanup materials

Applicable Compliance Method: Compliance with the monthly cleanup material usage limitation shall be determined by the record keeping performed pursuant to Section C.1.

- f. Material Usage Limitation: 650 gallons per year for coatings, excluding water and exempt solvents; 80 gallons per year for cleanup materials

Applicable Compliance Method: Compliance with the annual material usage limitations for coatings, excluding water and exempt solvents, and cleanup materials shall be determined by the record keeping performed pursuant to Section C.3.

**F. Miscellaneous Requirements**

- 1. None