

Facility ID: 1483140417 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: 1483140417 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>
miscellaneous metal parts spray paint booth and paint mixing room	OAC rule 3745-31-05(A)(3) (PTI 14-04878)	21.1 lbs/day of volatile organic compound (VOC), for VOC emissions from coatings only  0.47 ton per year (TPY) of VOC, including VOC emissions from cleanup materials  The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(d).  See Section A.2. below.
	OAC rule 3745-21-09(U)(1)(d)	3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents

**2. Additional Terms and Conditions**

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by complying with the VOC content and usage limitations specified in Sections A.1, A.2 and B.1 of this permit. The VOC content of each cleanup material employed in this emissions unit shall not exceed 7.3 lbs of VOC/gallon of cleanup material. The daily emission limitation specified above 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 annual coating and cleanup material usage for this emissions unit shall not exceed 130 gallons for coatings and 66 gallons for cleanup materials.

**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 employed;
  - b. The VOC content of each coating (excluding water and exempt solvents), as applied, in pounds of VOC/gallon of coating;
  - c. The name and identification of each cleanup material employed;
  - d. The VOC content of each cleanup material, in pounds of VOC per gallon of cleanup material;
  - e. The number of gallons (excluding water and exempt solvents) of each coating employed;
  - f. The number of gallons (including water and exempt solvents) of each coating employed;
  - g. The number of gallons of each cleanup material employed; and
  - h. The total VOC emissions from all coatings and cleanup materials employed, in pounds [the summation of (b x

e) + (d x g) for all coatings and cleanup materials].

2. The permittee shall collect and record the following information each calendar year for this emissions unit:

- a. The total VOC emissions from all coatings and cleanup materials employed, in tons (summation of monthly VOC emissions for the calendar year from C.1.h and dividing by 2,000 lbs/ton);
- b. The total number of gallons of coatings employed (summation of monthly usages for the calendar year from C.1.f for all coatings); and
- c. The total number of gallons of cleanup material employed (summation of monthly usages for the calendar year from C.1.g for all cleanup materials).

**D. Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings and /or cleanup materials (i.e., for VOC content). 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 identify the total coating usage, total cleanup material usage and total VOC emissions for the preceding calendar year. These reports shall be submitted by January 31 of each year and shall be sent to the Hamilton County Department of Environmental Services.

**E. Testing Requirements**

1. Compliance with the emission limitations specified in Section A of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:  
3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents, and 7.3 pounds of VOC per gallon of cleanup material.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section C. In accordance with OAC rule 3745-21-10, 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 contents of the cleanup materials.

b. Emission Limitation:  
21.1 lbs/day of VOC, for VOC emissions from coatings only

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly coating usage rate of 0.25 gal/hr, excluding water and exempt solvents, by the maximum operating schedule of 24 hrs/day and by the maximum VOC content of 3.5 lbs of VOC/gallon of coating, excluding water and exempt solvents.

c. Emission Limitation:  
0.47 TPY of VOC, including VOC emissions from cleanup materials

Applicable Compliance Method:

Compliance shall be determined by the record keeping pursuant to the requirements of Section C.2.

d. Emission Limitation:  
130 gallons/yr of coatings and 66 gallons/yr of cleanup materials

Applicable Compliance Method:

Compliance shall be determined by the record keeping pursuant to the requirements of Section C.2.

**F. Miscellaneous Requirements**

1. Pursuant to Engineering Guide #69, modeling to demonstrate compliance with the Ohio EPA's Air Toxic Policy was not necessary since 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 result in an increase in emissions of any pollutant that has a listed TLV to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.