

Facility ID: 1431451726 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: 1431451726 Emissions Unit ID: K003 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>
K003 - Miscellaneous Metal Parts Paint Spray Booth	OAC rule 3745-31-05(A)(3) (PTI #14-05728)	<p>Volatile Organic Compound (VOC) emissions shall not exceed 14.0 lbs of VOC/hour from the application of coatings, excluding cleanup.</p> <p>VOC emissions shall not exceed 6.31 lbs of VOC/day from cleanup material usage.</p> <p>VOC emissions shall not exceed 1.11 tons per year (TPY).</p> <p>See terms and conditions A.2.a, B.1 and B.2.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1) (d).</p> <p>The VOC content as applied, of each coating employed, shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents.</p>
	OAC rule 3745-21-09(U)(1)(d)	

2. **Additional Terms and Conditions**
 - (a) The maximum VOC content of each cleanup material employed in emissions unit K003 shall not exceed 6.31 pounds of VOC per gallon of cleanup material, as applied. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the VOC content limitations, usage limitations and VOC emission limitations. The hourly emission limitation outlined in term and condition A.1 is based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this limitation.

B. Operational Restrictions

1. The maximum annual coating use for emissions unit K003 shall not exceed 600 gallons per year as applied, excluding water and exempt solvents.
2. The maximum daily cleanup material use in emissions unit K003 shall not exceed 1 gallon per day of material lost through spillage and evaporation. The maximum annual cleanup material usage in emissions unit K003 shall not exceed 20 gallons per year of material lost through spillage and evaporation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for emissions unit K003:
 - a. The name and identification number of each coating and cleanup material;
 - b. The volume in gallons, as applied, of each coating employed, excluding water and exempt solvents;
 - c. The total volume, in gallons, of all of the coatings employed, excluding water and exempt solvents;

- d. The volume in gallons of each cleanup material employed and lost through spillage and evaporation;
 - e. The VOC content of each coating employed, in pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents;
 - f. The VOC content of each cleanup material employed, in pounds of VOC per gallon of coating;
 - g. The VOC emissions from the application of coatings and cleanup materials, in pounds of VOC per day [the summation of (b) multiplied by (e) for the coating(s) and (d) multiplied by (f) for the cleanup material(s) employed in emissions unit K003]; and
 - h. The total daily VOC emission rate (g) shall be summed at the end of each month to obtain the monthly VOC emission rate.
 - i. The total monthly VOC emission rate (g) shall be summed at the end of each year to obtain the annual VOC emission rate.

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 or cleanup materials (i.e., VOC contents). 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. For each usage limit exceedance the permittee shall also identify if an exceedance of the applicable hourly or daily VOC emissions limits occurred.
2. The permittee shall notify the Hamilton County Department of Environmental Services of any daily record showing that emissions unit K003 employed more than the applicable maximum daily cleanup material usage limit outlined in term and condition B.2. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 30 days after the exceedance occurred. For each usage limit exceedance the permittee shall also identify if an exceedance of the applicable daily VOC emissions limit occurred.
3. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify the total VOC emissions from emissions unit K003 for the previous calendar year. This report shall also specify the total volume, in gallons, of coatings, excluding water and exempt solvents employed in emissions unit K003 and the total volume, in gallons, of cleanup materials employed and lost through spillage and evaporation in emissions unit K003 for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations and VOC content limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitations:

Volatile Organic Compound (VOC) emissions shall not exceed 14.0 lbs of VOC/hour from the application of coatings, excluding cleanup.

VOC emissions shall not exceed 6.31 lbs of VOC/day from cleanup material usage.

Applicable Compliance Method:

The hourly emission limitation specified above is based on the emissions unit's potential to emit. Compliance may be demonstrated by multiplying the maximum VOC content limit for coatings identified in term and condition A.1, 3.5 pounds per gallon, by the maximum coating application rate, 4 gallons per hour, excluding water and exempt solvents, as provided in PTI application 14-05728 received on May 27, 2005. Compliance with the daily cleanup material usage limit is determined by multiplying maximum daily cleanup material usage of 1 gallon per day by the VOC content limit of 6.31 lbs per gallon.

Emission Limitation:

VOC emissions shall not exceed 1.11 tons per year (TPY).

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated by the record keeping requirements as specified in section C.1.

VOC Content Limitations:

3.5 pounds of VOC per gallon of coating, as applied, excluding water and exempt solvents, and 6.31 pounds of VOC per gallon of cleanup material, as applied.

Applicable Compliance Method:

If requested, USEPA methods 24 and 24A shall be used to determine the VOC content for coatings and cleanup materials, respectively. If, pursuant to 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or cleanup material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

2. Compliance with the usage limitations in sections B.1 and B.2 shall be demonstrated by the record keeping requirements as specified in section C.1.

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 will be 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.