

Facility ID: 1431071503 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: 1431071503 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>
K001 - Paint Booth	OAC rule 3745-31-05(A)(3) (PTI 14-06008)	Volatile organic compounds (VOC) emissions from the application of coatings, as applied, shall not exceed 17.16 pounds per day (lb/day). VOC emissions shall not exceed 3.71 tons per year (TPY) from the application of coatings and cleanup material use in this emissions unit. See terms and conditions A.2.b, A.2.c, B.1 and B.2. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii).
	OAC rule 3745-21-09(U)(2)(e)(ii)	The maximum daily coating usage for this emissions unit shall not exceed 3 gallons, as applied, when coating miscellaneous metal parts.
	OAC rule 3745-17-11(C)	Exempt, as per OAC rule 3745-17-11(A)(1)(i).

2. **Additional Terms and Conditions**
 - (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the coating and cleanup material usage restrictions, the VOC content limitations and the emissions limitations.
The VOC content of each coating, as applied, shall not exceed 5.72 pounds of VOC per gallon.
The VOC content of each cleanup material shall not exceed 6.7 pounds of VOC per gallon.

B. Operational Restrictions

1. The maximum coating usage for this emissions unit shall not exceed 1095 gallons per year.
2. The maximum cleanup material usage for this emissions unit shall not exceed 125 gallons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the number of gallons of each coating employed;
 - c. the total number of gallons of all the coatings employed;
 - d. the VOC content in pounds per gallon for each coating, as applied; and
 - e. the total VOC emissions in pounds (b x d).
2. The permittee shall collect and record the following information each month for this emission unit:
 - a. the name and identification number of each cleanup material;
 - b. the VOC content of each cleanup material used, in pounds per gallon, as applied;
 - c. the total number of gallons of all cleanup material employed;
 - d. the number of gallons of each cleanup material employed; and
 - e. the total VOC emissions in pounds (b x d).
3. The permittee shall summarize the above required records at the end of each calendar year for this emission unit. A record shall be kept for the total number of gallons of all coatings and cleanup materials employed. The total VOC emissions for this emissions unit, in tons per year, which is determined by multiplying the VOC content of

each coating, as applied, and cleanup material, as applied, by the number of gallons of each coating, as applied and cleanup material employed, and dividing by the number of pounds in a ton (2,000).

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services of any daily record showing that emissions unit K001 employed more than the applicable maximum daily coating usage limitation outlined in term and condition B.1. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurred. For each usage limit exceedance the permittee shall also identify if an exceedance of the applicable daily VOC emissions limitation occurred.
2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any 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 45 days after the exceedance occurs.
3. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify the total VOC emissions from emissions unit K001 for the previous calendar year. This report shall also specify the total volume, in gallons, of coatings employed in emissions unit K001 and the total volume, in gallons, of cleanup materials employed in emissions unit K001 for the previous calendar year. These reports shall be submitted by January 31 of each year.
4. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit unless otherwise specified.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:
VOC emissions shall not exceed 17.16 lb/day.

Applicable Compliance Method:
Compliance with the above VOC daily emissions limitation shall be determined by multiplying the VOC content of the coating, as applied, by the daily coating usage rate, as applied.
 - b. Emission Limitation:
VOC emissions shall not exceed 3.71 tons per year (TPY) from the application of coatings and cleanup material use in this emissions unit.

Applicable Compliance Method:
Compliance with the annual VOC emission limitation shall be demonstrated by the record keeping required in term and condition C.3.
2. USEPA methods 24 and 24A shall be used to determine the VOC content for coatings and cleanup materials. If pursuant to 40 CFR Part 60, Appendix A, the permittee 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.
3. Compliance with the material usage limitations in Section A and B of this permit shall be demonstrated by the record keeping required in terms and conditions C.1 through C.3.

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 pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee 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 a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.