Facility ID: 1431073756 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: 1431073756 Emissions Unit ID: K001 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K001 - Paint booth for miscellaneous metal parts with preparation and cleanup materials	OAC rule 3745-31-05(A)(3) (PTI # 14-05743)	Volatile Organic Compound (VOC) emissions shall not exceed 18.4 lbs/day for coatings. VOC emissions shall not exceed 13.6 lbs/day for cleanup material. VOC emissions shall not exceed 0.35 TPY, including coatings and cleanup materials. See terms A.2.b and A.2.c. See sections B.2 and B.3. 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)	See section B.1.

2. **Additional Terms and Conditions**

   (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, the VOC content limitations and emission limitations.
   The VOC content of each coating, as applied, shall not exceed 6.14 pounds of VOC per gallon of coating.
   The VOC content of each cleanup material shall not exceed 6.81 pounds of VOC per gallon of cleanup material.

B. **Operational Restrictions**

1. The maximum coating usage for this emissions unit shall not exceed 3.0 gallons per day.

2. The maximum cleanup material usage for this emissions unit shall not exceed 2 gallons per day and 36 gallons per year.

3. The maximum coating usage for this emissions unit shall not exceed 116 gallons per year.

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

1. The permittee shall collect and record the following information each day for emissions unit K001:

   a. The name and identification number of each coating, as applied.

   b. The VOC content of each coating, as applied, in pounds per gallon.

   c. The volume of each coating employed, in gallons.

   d. The total volume of all coatings employed, in gallons.

   e. The name and identification number of each cleanup material employed.

f. The VOC content of each cleanup material, in pounds per gallon.

g. The volume of each cleanup material employed, in gallons.

h. The total VOC emissions from all coatings employed (b x c).

i. The total VOC emissions from all cleanup materials employed (f x g).

j. The total VOC emissions from all coatings and cleanup materials employed, in pounds [(b x c) + (f x g)].

These records shall be summarized at the end of the calender year.

D. **Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services of any daily or annual record showing that emissions unit K001 employed more than the applicable maximum daily or annual coating or cleanup material usage limit outlined in sections B.1 - B.3. 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 or annual VOC emission limit occurred.

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily 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 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. 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.

2. Compliance with the emission limitations in Section A and usage limitations in section B of this permit shall be determined in accordance with the following method(s):
Emission Limitation:
Volatile Organic Compound (VOC) emissions shall not exceed 18.4 lbs/day for coatings.

Applicable Compliance Method:
The daily VOC emission limitation for coatings was determined by multiplying the maximum VOC content of applied coating identified in term A.2.b by the maximum daily coating application rate identified in term and condition B.1 [(6.14 lb/gal)(3 gal/day)]. Compliance shall be based upon the record keeping requirements as specified in section C.1.
Emission Limitation:
VOC emissions shall not exceed 13.6 lbs/day for cleanup material.

Applicable Compliance Method:
The daily VOC emission limitation for cleanup was determined by multiplying the maximum VOC content identified in term A.2.c by the maximum daily cleanup usage rate identified in section B.2 [(6.81 lb/gal)(2 gal/day)]. Compliance shall be based upon the record keeping requirements as specified in section C.1.
Emission Limitation:
VOC emissions shall not exceed 0.35 TPY, including coatings and cleanup materials.

Applicable Compliance Method:
Compliance with the annual VOC emission limitation shall be determined by adding the annual emissions from coating and cleanup usage. Annual VOC emissions from coating shall be determined by multiplying the VOC content of applied coatings by the annual usage. Annual VOC emissions from cleanup are determined by multiplying the VOC content of the cleanup by the annual usage. The annual emissions from the coating and cleanup are then added and divided by 2000 lb/ton to determine compliance with the annual emissions limitation. Compliance shall be based upon the record keeping requirements as specified in section C.1.
Usage Limitations:
The maximum coating usage for this emissions unit shall not exceed 3.0 gallons per day and 116 gallons per year.

The maximum cleanup material usage for this emissions unit shall not exceed 2 gallons per day and 36 gallons per year.

Applicable Compliance Method:
Compliance shall be based upon 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.