

Facility ID: 1483090295 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: 1483090295 Emissions Unit ID: K009 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>
K009-Metal starter yoke spray booth w/ drying oven (#2)	OAC rule 3745-31-05(A)(3) PTI 14-04074	Volatile Organic Compound (VOC) emissions shall not exceed 0.35 pound per hour (excluding cleanup) and 2.81 TPY VOC (including cleanup).
		See Term A.2.a.
	OAC rule 3745-21-09(U)(1)(c)	See Term A.2.c.
	OAC rule 3745-31-05(C)	See Term A.2.d.

**2. Additional Terms and Conditions**

- (a) The VOC content of each cleanup material employed shall not exceed 7.1 pounds VOC per gallon of cleanup material, minus water and exempt solvents. The hourly emission limitation outlined is based upon the emissions unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limitation. The VOC content of each coating employed shall not exceed 3.5 pounds of VOC per gallon, as applied, excluding water and exempt solvents. The total usage of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units K001, K002, K005, K006, K007, K008, K009, K010 and P001-P010 and any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units shall not exceed 9.9 TPY\* for any single HAP, as a rolling, 12-month summation, and 24.9 TPY\* for any combination of HAPs, as a rolling, 12-month summation.
 

\* This assumes the amount of HAPs used is equivalent to the amount of HAPs that will evaporate and be emitted.

**B. Operational Restrictions**

1. The maximum annual coating usage shall not exceed 876 gallons per year and the maximum annual cleanup material usage shall not exceed 360 gallons per year.

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

1. The permittee shall collect and record the following information each month:
  - a. the name and identification number of each coating and cleanup material employed, as applied;
  - b. the VOC content of each coating and cleanup material employed (excluding water and exempt solvents), as applied; and
  - c. the total gallons (excluding water and exempt solvents) of all coatings and all cleanup materials employed.
2. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.d:
  - a. The name and identification number of each coating employed;
  - b. The individual HAP\* content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
  - c. The total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as

applied [sum all the individual HAP contents from (b)];

d. The number of gallons of each coating employed;

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

f. The individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;

g. The total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied [sum all the individual HAP contents from (f)];

h. The number of gallons of each cleanup material employed;

i. The total individual HAP usage\*\* for each HAP from all coatings and cleanup materials employed, in pounds or tons [for each HAP, the sum of (b) times (d) for all coatings plus the sum of (f) times (h) for all cleanup materials, and divided by 2,000 pounds per ton if the units are in tons];

j. The total combined HAP usage\*\* from all coatings and cleanup materials employed, in pounds or tons [the sum of (c) times (d) for all coatings plus the sum of (g) times (h) for all cleanup materials, and divided by 2,000 pounds per ton if the units are in tons];

k. The updated rolling, 12-month summation of usage for each individual HAP\*\*, in tons (this shall include the information for the current month and the preceding eleven calendar months); and

l. The updated rolling, 12-month summation of usage for the total combined HAPs\*\*, in tons. This shall include the information for the current month and the preceding eleven calendar months.

\* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on a line-by-line basis.

\*\* This assumes the amount of HAPs used is equivalent to the amount of HAPs that will evaporate and be emitted.

**D. Reporting Requirements**

1. The permittee shall notify the appropriate Ohio EPA district office or local air agency of any monthly record which shows an exceedance of the VOC content limits and/or the annual usage limits. A copy of each such record shall be sent to the appropriate Ohio EPA district office or local air agency within 45 days after the exceedance occurs.
2. The permittee shall also submit annual reports which give the total gallons of all coatings and all cleanup materials used during the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation reports which identify any exceedance of the HAP emission limitations set forth in term A.2.d. If no exceedances occurred, the permittee shall state so in the report.
4. Unless otherwise noted in the above terms, the deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

**E. Testing Requirements**

1. Emissions Limitations:

The VOC content of each coating employed shall not exceed 3.5 pounds of VOC per gallon, as applied, excluding water and exempt solvents.

The VOC content of each cleanup material employed shall not exceed 7.1 pounds VOC per gallon of cleanup material, minus water and exempt solvents.

Applicable Compliance Method:

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. Emissions Limitations:

Volatile Organic Compound (VOC) emissions shall not exceed 0.35 pound per hour (excluding cleanup) and 2.81 TPY VOC (including cleanup).

Applicable Compliance Methods:

Compliance with the VOC emissions limitations shall be demonstrated by multiplying the actual coating usages, excluding water and exempt solvents (gal/hr or gal/year) by the actual coating VOC content(s), excluding water and exempt solvents (pounds VOC/gal) = lbs VOC/hr; the annual total divided by 2000 lbs = TPY VOC.

3. Compliance with the annual usage limit shall be demonstrated by the record keeping requirements in Section C.1.

**F. Miscellaneous Requirements**

1. None