

Facility ID: 1409070634 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: 1409070634 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-Miscellaneous Metal Parts Spray Booth | OAC rule 3745-31-05(A)(3) (PTI 14-1594) | Volatile Organic Compound (VOC) emissions shall not exceed 12.72 pounds per day. VOC emissions shall not exceed 4.24 TPY. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii). See terms A.2.a and A.2.b. See Sections B.1 and B.2. |
| | OAC rule 3745-21-09(U)(2)(e)(ii) OAC rule 3745-31-05(C) | See Section B.1. See term A.2.c. |

2. Additional Terms and Conditions

- (a) The VOC content of all coatings shall not exceed 4.24 pounds per gallon, excluding water and exempt solvents.
This permittee currently uses no cleanup materials in this emission unit. Prior to using cleanup materials containing VOCs, the permittee shall contact the Hamilton County Department of Environmental Services to modify this permit.
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, K003, K004, and K005 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 coating usage for this emissions unit shall not exceed 3 gallons per day.
2. The maximum coating usage for this emissions unit shall not exceed 2000 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 total VOC emissions from all coatings employed (b x c).

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

2. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.c:
 - 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 Director in writing of any daily record which shows an exceedance of the VOC content limits, the daily VOC emission limits, and/or the daily usage limits. A copy of each such record shall be sent to the Director within 30 days following the exceedance.
2. The permittee shall submit annual reports which summarize the annual VOC emissions and the total gallons of coating used.

These reports shall be submitted by February 15 of each year and shall cover the previous calendar year.
3. The permittee shall submit deviation reports which identify any exceedance of the HAP emission limitations set forth in term A.2.c. If no exceedances occurred, the permittee shall state so in the report.

E. Testing Requirements

1. USEPA methods 24 and 24A shall be used to determine the VOC content for (a) coatings and (b) flexographic and rotogravure printing lines and related coatings, 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 ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
2. Compliance with the VOC content limit, the daily VOC emission limit, and the daily and annual usage limitations shall be demonstrated by the record keeping requirements in Section C.1 of this permit.

F. Miscellaneous Requirements

1. None