

Facility ID: 1409000842 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: 1409000842 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>  |
|--|--------------------------------------|---|
| Miscellaneous metal parts spray painting operation | OAC 3745-31-05<br>See F.             | 75 LBS VOC/DAY from coatings; 830 LBS VOC/MONTH from cleanup; and 10.55 TPY VOC.<br><br>The VOC emission limits are based on the VOC content limits and the usage limits; therefore, compliance with the VOC content limits and usage limits shall constitute compliance with the VOC emission limits.<br><br>7.8 LBS PM-PM10/DAY, 1.42 TPY PM-PM10.<br><br>The PM emission limits are based on the maximum usage rates; therefore, no record keeping, reporting, or testing is required to demonstrate compliance with these limits. |
|  | OAC 3745-17-07(B)<br>See F.          | See A.2.a. - c.<br>Fugitive visible particulate emissions from this emissions unit shall not exceed 20% percent opacity, as a three-minute average.   |
|  | OAC 3745-17-08(B)<br>See F.          | The coating operations of this emissions unit shall be conducted inside a building or any other partial enclosure which provides an 80% control efficiency for particulate.   |
|  | OAC 3745-21-09(U)(1)<br>See F.       | Exempt per OAC 3745-21-09(U)(2)(f)(ii).   |

**2. Additional Terms and Conditions**

- (a) The VOC content of any coating employed shall not exceed 7.5 lbs/gallon, as applied.  
The VOC content of any cleanup material employed shall not exceed 8.3 lbs/gallon, as applied.  
The emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs.

**B. Operational Restrictions**

1. The permittee shall not exceed the following limitations:
  - a. the coating usage shall not exceed 10 gallons per day;
  - b. the use of coatings with a VOC content between 5.0 and 7.5 lbs/gallon (as applied) shall not exceed 600 gallons per year;
  - c. the use of coatings with a VOC content up to 5.0 lbs/gallon (as applied) shall not exceed 2000 gallons per year; and

d. the cleanup material usage shall not exceed 100 gallons per month and 750 gallons per year, as applied.

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

1. The permittee shall collect and record the following information each day for the coating line:
  - a. The name and identification of each coating and cleanup material employed.
  - b. The volume, in gallons, of each coating and cleanup material employed (as applied).
  - c. The VOC content of each coating and cleanup material, as applied, in pounds per gallon (as applied).
  - d. The volume, in gallons, of all coatings employed (as applied).
  - e. The volume, in gallons, of all coatings with a VOC content up to 5 lbs/gallon employed (as applied).
  - f. The volume, in gallons, of all coatings with a VOC content between 5 and 7.5 lbs/gallon employed (as applied).
  - g. The volume, in gallons, of all cleanup materials employed (as applied).
2. The permittee shall collect and record the following information each month for the entire facility:
  - a. The name and identification number of each coating, as applied.
  - b. The individual Hazardous Air Pollutant (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 (the sum of all the individual HAP contents from (b)).
  - d. The number of gallons of each coating employed.
  - e. The name and identification 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 (the sum of all the individual HAP contents from (f)).
  - h. The number of gallons of each cleanup material employed.
  - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material).
  - j. The total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. This information does not have to be kept on a line-by-line basis.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing an exceedance of the daily coating usage or VOC content limits for this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
2. The permittee shall also submit semi-annual reports for this emissions unit which contain the following information about each coating used: the company identification, the VOC content (in lbs/gal, as applied), the number of gallons used and the total VOC emissions. The report shall also include the amount of VOCs emitted from cleanup material for each month during the reporting period from this emissions unit. These reports shall be submitted by February 15 and August 15 of each year and shall contain the information for the previous six calendar months (July to December and January to June respectively).
3. The permittee shall submit annual reports which identify any exceedance of the HAP emission limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by February 15 of each year and shall cover the previous twelve calendar months. If no exceedances occurred during the reporting period then a report is required stating so.

**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 section 4.3 of Method 24,40 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 fugitive visible particulate emissions shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(3).
3. See T&C C.1 for compliance with the usage limitations.
4. See T&C C.2 for compliance with the HAP emission limitations.

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 14-4268 as issued on 3-5-97: A-E.