

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: K003 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>
Misc. Metal Parts Spray Booth # 3	OAC 3745-31-05 See F.	86.93 lbs VOC/day, 6.56 TPY VOC (including cleanup). 2.3 lbs PM/hr, 2 TPY PM
	OAC 3745-17-07(A) See F.	See A.2.c-f. below. Visible particulate emissions from any stack shall not exceed 20% percent opacity, as a six-minute average, except as specified by rule.
	OAC 3745-17-11(B)(1) See F.	Particulate emission limit is less stringent than the BAT limits above.
	OAC 3745-21-09 (U)(1)(b)and(d) See F.	See A.2.a. and b. below.

**2. Additional Terms and Conditions**

- (a) The VOC content of all zinc-rich coatings shall not exceed 4.0 pounds per gallon, excluding water and exempt solvents.  
The VOC content of all coatings not defined as zinc-rich coatings shall not exceed 3.5 pounds per gallon, excluding water and exempt solvents.  
The VOC content of all clean up materials employed shall not exceed 7.7 pounds per gallon.  
The VOC emissions from all cleanup materials employed shall not exceed 6.93 pounds per day and 0.6 TPY.  
The VOC emissions from all coatings employed shall not exceed 80.0 pounds per day and 5.4 TPY.  
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 use of zinc-rich coatings shall not exceed 500 gallons per year.
2. The use of coatings other than zinc-rich coatings shall not exceed 2500 gallons per year.
3. The use of all coatings employed in this emissions unit shall not exceed 20 gallons per day.
4. The use of all cleanup material shall not exceed 3.0 gallons per day and 550 gallons per year.
5. The cleanup material employed shall be recovered and reclaimed at a rate of no less than 70% by weight.

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

1. The permittee shall collect and record the following information each day:
  - a. The name and identification number of each coating and cleanup material employed.
  - b. The VOC content of each coating, as applied, and each cleanup material employed, in pounds per gallon.
  - c. The number of gallons of each coating and cleanup material employed.

- d. The VOC emissions from all coatings employed, i.e., the sum of (b)(c) for all coatings, in pounds.
- e. The VOC emissions from all cleanup materials employed, i.e., the sum of (b)(c) for all cleanup materials, in pounds.
- f. The VOC emissions from this emissions unit, i.e., (d) + (e), in pounds.
- g. The total gallons of all coatings employed.
- h. The total gallons of all cleanup materials employed.
- i. The total amount of cleanup materials reclaimed, in pounds (cleanup material reclaimed minus the pounds of the solids reclaimed).
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 Hazardous Air Pollutant (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 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 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); and
- 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 Hazardous Air Pollutants (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. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

**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 also submit annual reports which summarize the following:
- a. the VOC emissions from all coatings,
- b. the VOC emissions from all cleanup materials,
- c. the total VOC emissions from the emissions unit,
- d. the total gallons of all zinc-rich coatings,
- e. the total gallons of all non zinc-rich coatings,
- f. the total gallons of all cleanup materials,
- g. the individual HAP emissions, and
- h. the combined HAP emissions.

These reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

**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 VOC content limits, the daily VOC emission limits, and the daily usage limits shall be demonstrated by the record keeping requirements in section C.1. of this permit.
3. Compliance with OAC 3745-17-07(A) shall be demonstrated by methods outlined in OAC 3745-17-03(B)(1).
4. Compliance with the particulate emission limits in section A.1. of these terms and conditions shall be determined by the following methods:
- a.  $Lb\ PM/hr = \text{percent solids} \times \text{density per gallon} \times \text{gallons per hour} \times 0.45 (\text{Transfer Eff.}) \times .1 (\text{Control Eff.})$ .
- b.  $TPY\ PM = \text{Percent solids} \times \text{density per gallon} \times \text{gallons per year} \times 0.45 (\text{Transfer Eff.}) \times .1 (\text{Control Eff.}) \times \text{ton}/2000\ lbs$ .

**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 number 14-4284 as issued on 4/30/97:

Part II, Special Terms and Conditions: A-E.