

Facility ID: 1483090288 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: 1483090288 Emissions Unit ID: P001 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>
Pit #1	OAC rule 3745-31-05 See F.	See A.2. below.
	OAC rule 3745-21-07(G)(2) See F.	Same as BAT OC emission limits above.

**2. Additional Terms and Conditions**

- (a) The OC emissions are limited to 8 LBS/HR, 40 LBS/DAY and 3.9 TPY, excluding cleanup. The OC emissions from the cleanup materials are limited to 7.27 LBS/DAY. The OC content of the cleanup materials shall not exceed 8.86 LBS/GALLON. Annual OC emissions including cleanup shall not exceed 4.65 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. Compliance with the above limitations shall be determined on a rolling, 12-month summation.

**B. Operational Restrictions**

1. The styrene content of the resin shall not exceed 45%.
2. The permittee shall use a spray gun that has air assist containment with internal mix catalyst injection.
3. The amount of resin employed shall not exceed 197 LBS/HR, 987 LBS/DAY and 192,593 LBS/YR. Compliance with the annual limit shall be based upon a rolling, 12-month summation.
4. The amount of cleanup material employed in this emissions unit shall not exceed 0.82 gallon/day and 170 gallons/year.

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

1. The permittee shall maintain daily records of the following data for this emissions unit:
  - a. the pounds of resin employed;
  - b. the styrene content of the resin;
  - c. the OC content of the resin in lbs OC/lb resin;
  - d. the OC emissions from the resin, i.e., (a)(c), in pounds;
  - e. the hours of operation; and
  - f. the average hourly OC emission rate, i.e., (d)/(e), in lbs/hr.
2. The permittee shall maintain daily records of the following:
  - a. the name and company identification of each cleanup material employed;
  - b. the OC content of each cleanup material employed, in lbs/gallon;

- c. the number of gallons of each cleanup material employed;
  - d. the OC emissions from each cleanup material employed, i.e. (b)(c), in pounds; and
  - e. the OC emissions from all cleanup materials, i.e., the sum of (d) for all cleanup materials employed, in pounds.
- 3. 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 (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 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 submit quarterly deviation (excursion) reports which identify any day in which any of the following were exceeded: resin usage limits, styrene content limit, OC emission limits, and cleanup material usage limits. The report shall include the reason for the exceedance, any corrective actions being taken, and the actual resin usage, styrene content, OC emissions, and cleanup material usage for each such day. If no exceedances occurred during the reporting period then a report is required stating so.
- 2. The permittee shall submit annual reports which summarize the following: OC emissions from the resin (in TPY), OC emissions from the emissions unit, including cleanup material (in TPY), resin usage (in lbs/yr), cleanup material usage (in gallons/yr), individual HAP emissions (in TPY), and combined HAP emissions (in TPY). These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

**E. Testing Requirements**

- 1. Formulation data or USEPA Method 24 shall be used to determine the OC content of the resin and cleanup materials.
- 2. Compliance with the OC emission limits for the resin shall be demonstrated by the record keeping requirements in section C.1. of this permit and the emission factors, control efficiencies (if applicable) and operational parameters contained in PTI application number 14-3972 as submitted on 5/13/96.
- 3. Compliance with the resin usage limits and styrene content limit shall be demonstrated by the record keeping requirements in section C.1. of this permit.
- 4. Compliance with the cleanup material OC content limit and cleanup material usage limit shall be demonstrated by the record keeping requirements in section C.2. of this permit.
- 5. Compliance with the HAP emission limits shall be demonstrated by the record keeping requirements in section C.3. of this permit.

**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 14-3972 as issued on 9/25/96:

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