Facility ID: 0238000150 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: 0238000150 Emissions Unit ID: R007 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
1st Top Coat Spray Booth (R007)	OAC Rule 3745-31-05 (PTI No. 02-11354)	a. The total volatile organic compound (VOC) emissions from this emissions unit shall not exceed 102.8 pounds per day (lbs/day) and 15.42 tons per year (TPY). b. Emissions of xylene from this emissions unit shall not exceed 7.6 lbs/day and 1.14 TPY. c. Total emissions of Hazardous Air Pollutants (HAPs) from this emissions unit shall not exceed 8.6 lbs/day and 1.29 TPY.
	OAC rule 3745-21-07	See A.2.a.

2. **Additional Terms and Conditions**

   (a) No photochemically reactive materials (coatings and cleanup materials), as defined in OAC rule 3745-21-01, shall be utilized in the spray paint/stain booths (R004 -- R009) at this facility.
   Federally enforceable emission limitations for total volatile organic compounds (VOC) and total hazardous air pollutants (HAPs) from spray paint/stain booths R004 through R009, inclusive, at this facility shall be as follows:

   i. Total VOC emissions shall not exceed 664 lbs/day and 99.5 TPY;

   ii. Total xylene emissions shall not exceed 49.4 lbs/day and 7.4 TPY;

   iii. Total toluene emissions shall not exceed 20.4 lbs/day and 3.1 TPY; and

   iv. Total HAPs emissions shall not exceed 78.8 lbs/day and 11.8 TPY.

B. **Operational Restrictions**

1. No more than twenty (20) gallons of coatings shall be employed in this emissions unit during any single day of operations.

2. During the first twelve (12) months of operation under this permit, each of the emissions units listed in this permit (R004 through R009) shall not exceed the number of days of operation (25 per month) or the number of gallons of coating usage (500 gallons per month based on 25 days per month times 20 gallons of coatings allowed per day) specified for each month in the following table. After the first 12 months of operation, the monthly days of operation and volume of coatings used per emissions unit (R004 through R009) shall not exceed 300 days or 6000 gallons, respectively, for any rolling 12-month period.

   CALENDAR MONTH(S) CUMULATIVE CUMULATIVE
   (AFTER PERMIT ALLOWABLE ALLOWABLE
   ISSUANCE) OPERATING DAYS GALLONS of COATING

   1 25 500
   2 50 1000
   3 75 1500
   4 100 2000

5 125 2500
6 150 3000
7 175 3500
8 200 4000
9 225 4500
10 250 5000
11 275 5500
12 300 6000

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

1. The permittee shall collect and record, on a daily basis, the following information for this emissions unit:

a. the company identification for each coating and cleanup material employed;

b. documentation on whether or not each coating and cleanup material is a photochemically reactive material;

c. the number of gallons of each coating and cleanup material employed and the total number of gallons of all coatings employed;

d. the VOC content of each coating and cleanup material employed, in pounds per gallon;

e. the content of each HAP (xylene, toluene, and any other HAP) in each coating and cleanup material employed, in pounds per gallon;

f. the VOC emission rate for each coating and cleanup material employed, in pounds per day;

g. the total VOC emission rate for all coatings and cleanup materials employed, in pounds per day;

h. the total individual emission rates of xylene, toluene, and any other HAP from all coatings and cleanup materials employed, in pounds per day; and

i. the total emission rate of all HAPs collectively from all coatings and cleanup materials employed, in pounds per day.

[Note: the coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

2. The permittee shall collect and record, on a daily basis, the following information for emissions units R004 through R009, as a group:

a. the total VOC emission rate from all coatings and cleanup materials employed, in pounds per day;

b. the total individual emission rates of xylene, toluene, and any other HAP from all coatings and cleanup materials employed, in pounds per day; and

c. the total emission rate of all HAPs collectively from all coatings and cleanup materials employed, in pounds per day.

3. The permittee shall collect and record, on a monthly basis, the following information for each of emissions units R004 through R009:

a. the total number of days of operation;

b. the total number of gallons of coatings employed;

c. the cumulative totals of both the monthly hours of operation and the total number of gallons of coatings employed during the first twelve (12) months of operation under this permit; and

d. after the first year of operation under this permit, the rolling 12-month summations of both the total monthly hours of operation and the total monthly gallons of coatings employed.

D. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:

a. An identification of each day during which the VOC emissions from the coatings and cleanup materials exceeded the allowable VOC emission rate for this emissions unit and/or for emissions units R004 through R009 combined, and the actual VOC emissions rate(s) for each such day.

b. An identification of each day during which the emission rate of xylene and/or toluene exceeded the specific allowable daily emission rates for this emissions unit and/or for emissions units R004 through R009 combined, and the actual emission rate(s) for each such day.

c. An identification of each day during which the total emission rate for all HAPs exceeded the allowable daily total HAP emission rate for this emissions unit and/or for emissions units R004 through R009 conbined, and the actual daily emission rate(s) for each such day.

d. An identification of each day during which this emissions unit employed more than 20 gallons of coatings, and the actual gallons of coatings employed.

e. During the first 12 months of operation under this permit, an identification of each month during which the cumulative total days of operation and/or gallons of coatings employed by this emissions unit exceeded the allowable limitations of this permit, and the actual monthly totals of the days of operation and/or the gallons of coatings employed during that month.

f. After the first 12 months of operation under this permit, an identification of each month during which the rolling 12-month summations for the total days of operation and/or the gallons of coatings employed in this emissions

unit exceeded the allowable limitations of this permit, and the actual rolling 12-month summations of the total days of operation and/or the gallons of coatings employed during that month.

2. The permittee shall also submit annual reports which specify the total VOC, total xylene, and total HAPs emissions for this emissions unit and for emissions units R004 through R009 combined for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. **Testing Requirements**

1. Compliance with the emissions limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emissions Limitations: Federally enforceable daily and annual VOC emissions shall not exceed 102.8 lbs/day and 15.42 TPY.

Applicable Compliance Method: Compliance with the daily and annual VOC emission limitations for this emissions unit shall be based on calculations utilizing daily operations and coatings/cleanup materials data collected and recorded as required in Section C. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the VOC emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 25 or 25a.
Emissions Limitations: Federally enforceable daily and annual xylene emissions shall not exceed 7.6 lbs/day and 1.14 TPY.

Applicable Compliance Method: Compliance with the daily and annual xylene emission limitations for this emissions unit shall be based on calculations utilizing daily operations and coatings/cleanup materials data collected and recorded as required in Section C. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the xylene emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 18.
Emissions Limitations: Federally enforceable daily and annual total HAPs emissions shall not exceed 8.6 lbs/day and 1.29 TPY.

Applicable Compliance Method: Compliance with the daily and annual total HAPs emission limitations for this emissions unit shall be based on calculations utilizing daily operations and coatings/cleanup materials data collected and recorded as required in Section C. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the total HAPs emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 18.
Emission limitations for R004 through R009 combined, as specified in Section A.2.b:

Applicable Compliance Method: Compliance shall be based upon the record keeping in Section C.

F. **Miscellaneous Requirements**

1. Operation of these emissions units shall not be allowed to create a public nuisance.