Facility ID: 1409030600 Issuance type: Final State Permit To Operate

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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

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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
Paint spray booth followed by a gas-fired oven	OAC rule 3745-31-05 See F.	93.4 LBS VOC/DAY, 11.12 TPY VOC See A.2. below.
	OAC rule 3745-21-09(U)(2)(d) See F.	Less stringent than BAT limitations outlined above.
	OAC rule 3745-17-07(A) See F.	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-10(A) See F.	Less stringent than BAT limitations outlined above.

2. **Additional Terms and Conditions**

   (a) Emissions from the gas-fired oven shall not exceed the following limitations:

   0.1 LB/MMBTU NOx, 0.1 TPY NOx
   0.04 LB/MMBTY CO, 0.04 TPY CO
   0.0006 LB/MMBTU SO2, 0.001 TPY SO2
   0.01 LB/MMBTU PM, 0.01 TPY PM
   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.
   The VOC content of any coating employed in this emissions unit shall not exceed 4.5 lbs/gallon (as applied). The VOC content of any cleanup material employed in this emissions unit shall not exceed 7.5 lbs/gallon.

B. **Operational Restrictions**

1. The maximum amount of coatings employed in this emissions unit shall not exceed 17.4 gallons/day and 4,145 gallons/year. The maximum amount of cleanup materials employed in this emissions unit shall not exceed 2 gallons/day and 476 gallons/year. Compliance with the annual limits shall be based upon a rolling, 12-month summation.

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

1. The permittee shall maintain daily records of the following:

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

   b. the number of gallons of each coating and cleanup material employed;

   c. the volatile organic compound (VOC) content of each coating and cleanup material employed, in lbs/gallon (as applied);

   d. the VOC emissions from each coating and cleanup material employed, i.e., (b)(c), in pounds;

   e. the total VOC emissions from this emissions unit, i.e., the sum of (d) for all coatings and cleanup materials employed, in pounds;

f. the total gallons of all coatings employed; and

g. the total gallons of all cleanup materials employed.

2. The permittee shall maintain monthly records of the rolling, 12-month summation of all coatings and all cleanup materials used.

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 and 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).

D. **Reporting Requirements**

1. The permittee shall notify the Director in writing of any daily record showing an exceedance of the coating and cleanup material usage limits, the daily VOC emission limit, or the VOC content limits. A copy of such record shall be sent to the Director within 45 days after the exceedance occurs.

2. The permittee shall submit annual reports of the total VOC emissions, individual HAP emissions, combined HAP emissions, and the total coating and cleanup material usages. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. **Testing Requirements**

1. USEPA Methods 24 shall be used to determine the VOC content of each coating. If, pursuant to section 4.3 of 40 CFR, Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

2. Formulation data or Method 24 shall be used to determine the VOC content of each cleanup material employed.

3. Compliance with the emission limits in section A.2.2.a. of this permit shall be demonstrated by emission factors for gas-fired unit in AP-42 (External Combustion Sources less than 10 MMBtu).

4. Compliance with the coating and cleanup material VOC content limits, the daily usage limit, and the daily VOC emission limit shall be demonstrated by the record keeping requirements in section C.1. of this permit.

5. Compliance with the rolling, 12-month coating and cleanup material usage limit shall be demonstrated by the record keeping requirements in section C.2. of this permit.

6. Compliance with the individual and combined HAP emission limits shall be demonstrated by the record keeping requirements in section C.3. of this permit.

7. Compliance with OAC rule 3745-17-07(A) shall be demonstrated by the method and procedures outlined in OAC rule 3745-17-03(B)(3).

F. **Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in the permit to install number 14-3975 as issued on 7/11/96:

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