

Facility ID: 0819070134 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\*\*\*

Facility ID: 0819070134 Emissions Unit ID: P030 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>
P030 - OEM Clearcoat Spray Booth 2	OAC rule 3745-31-05(A)(3) PTI 08-04244	The maximum volatile organic compound (VOC) emissions rate from this emissions unit P030 shall not exceed 12.03 tons per year, including cleanup based upon a rolling, 365-day summation of the daily emissions.
		The requirements of this rule shall also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii) and OAC rule 3745-35-07(B).
	OAC rule 3745-21-09(U)(2)(e)(ii)	VOC emission exemption, based on maximum daily coating usage not exceeding 10 gallons of coating in any one day.
	OAC rule 3745-17-11(B)	The particulate emission (PE) from this emission unit shall not exceed 0.551 pound per hour (lb/hr).
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-35-07(B) (synthetic minor to avoid Title V and 40 CFR Part 63)	The volatile organic compound (VOC) combined emission rates from emissions units P027 and P030 shall not exceed 12.03 tons per year, including cleanup based upon a rolling, 365-day summation of the daily emissions.	
		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 9.9 tons/year for any single HAP and 24.9 tons/year for any combination of HAPs, per rolling 12-month summations.

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The maximum annual volatile organic material usage from emission unit P030 and the combined annual VOC material usage from P027 and P030 shall not exceed 12.03 tons per year, based upon a rolling, 365-day summation of the daily volatile organic material usage from coating and cleanup materials.
2. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

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

1. The permittee shall collect and record the following information each day for this emissions unit:
  - a. The company identification of each coating employed.

- b. The VOC content of each coating employed, in pounds per gallon, as applied.
- c. The VOC content of each cleanup material, in pounds per gallon.
- d. The volume, in gallons, of each coating employed.
- e. The total volume, in gallons, of all the coatings employed [summation of d for all coatings].
- f. The volume, in gallons, of each cleanup material employed.
- g. The total VOC emissions from all the coatings employed [summation of (b x d) for all coatings], in tons.
- h. The VOC emissions for all the cleanup material employed [summation of c x f) for all cleanup material], in tons.
- i. The rolling, 365-day summation of volatile organic material usage and VOC emissions from all coatings and cleanup materials.

Note: The permittee has records for the previous 365 days to demonstrate compliance with this limit upon issuance of this permit.

- 2. The permittee shall collect and record each month the following information for the entire facility:
  - a. The company identification of each material manufactured (recipe) and/or materials processed.
  - b. The amount of each material manufactured and/or processed, in gallons.
  - c. The individual Hazardous Air Pollutant (HAP) emissions for each material manufactured and/or processed, in pounds of individual HAP per gallon.
  - d. The total combined HAP emissions of each material manufactured and/or processed, in pounds of combined HAPs per gallon (the sum of all the individual HAP contents from Section A.3.c. above).
  - e. The total number of clean-up batches.
  - f. The individual HAP emissions for each HAP for each cleanup batch, in pounds of individual HAP per batch.
  - g. The total combined HAP emissions for each cleanup batch, in pounds of combined HAPs per batch (the sum of all the individual HAP contents from Section A.3.f. above).
  - h. The total individual HAP emission rate for all materials manufactured and/or processed and all cleanup batches, in tons.
  - i. The total combined HAP emission rate for all materials manufactured and/or processed and all cleanup batches, in tons.
  - j. The total individual HAP emission rate from all de minimis and/or exempt emission units, in tons.
  - k. The total combined HAP emission rate from all de minimis and/or exempt emission units, in tons.
  - l. The rolling, 12- month total individual HAP emission rate for each HAP, in tons.
  - m. The rolling, 12-month total combined HAPs emission rate for all the HAPs, in tons.

\*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 agency contact. This information does not have to be kept on a line-by-line basis.

- 3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emission unit was in operation.

**D. Reporting Requirements**

- 1. The permittee shall submit quarterly deviation (excursion) reports that identify each day during which the rolling, 365-day VOC usage and emissions exceeded the 12.03 tons per year rolling 365-day emission limitation, and the actual rolling, 365-day VOC emissions for each such day.
- 2. The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the rolling, 12-month individual HAP emission rate exceeded 9.9 tons, and the actual rolling, 12-month emission rate for each individual HAP for each such month (for the entire facility).
- 3. The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the rolling, 12-month total combined HAP emission rate exceeded 24.9 tons, and the actual rolling, 12-month total combined HAP emission rate for each such month (for the entire facility).
- 4. These quarterly deviation reports (excursion) reports shall be submitted to the Director (Regional Air Pollution Control Agency) by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviation occurred during a calendar quarter, the permittee shall submit a report which states that no deviation occurred during the calendar quarter.
- 5. The permittee shall notify the Director (Regional Air Pollution Control Agency) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limit of 10 gallons per day. The notification shall include a copy of such record and shall be sent to RAPCA within 45 days after the exceedance occurs.
- 6. The permittee shall submit annual reports that specify the actual total VOC from this emissions unit and the

individual and combined HAP emissions from the facility for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including the specific emission data from this facility in the Annual Fee Emission Report.

**E. Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
  - Emission Limitation -  
10 gallons per day total coating usage
  - Applicable Compliance Method -  
Compliance shall be based upon the record keeping requirements specified in Section C.1. of this permit.
  - Emission Limitation -  
The individual maximum VOC emission rate from this emissions unit P030 shall not exceed 12.03 tons per year based upon a rolling, 365-day summation of the daily emissions.
  - Applicable Compliance Method -  
Compliance shall be based upon the record keeping requirements specified in Section C.1 of this permit.
  - Emission Limitation-  
9.9 tons for each individual HAP/rolling, 12-month period
  - Applicable Compliance Method-  
Compliance with the annual allowable individual HAP emission limitation above shall be based upon the record keeping requirements specified in Section C.2 above.
  - Emission Limitation-  
24.9 tons for all HAPs combined/rolling, 12-month period
  - Applicable Compliance Method-  
Compliance with the annual allowable combined HAPs emission limitation above shall be based upon the record keeping requirements specified in Section C.2 above.
  - Emission Limitation-  
0.551 pound of PE per hour
  - Applicable Compliance Method-  
To determine the actual worst case emissions rate for particulate, the following equation may be used:
    - E = particulate matter emission rate (lbs/hr)
    - $$E = U \times (1-TE) \times (1-CE)$$
    - U = Maximum coating solids usage rate, in pound per hour
    - TE=transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used.
    - CE=control efficiency of the control equipment
  - If required, compliance shall be determined in accordance with OAC rule 3745-17-03(B)(10).
  - Emission Limitation-  
20% opacity, as a six minute average
  - Applicable Compliance Method-  
If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).
2. Formulation data or USEPA Method 24 shall be employed to determine the VOC contents for all coatings and cleanup materials.

**F. Miscellaneous Requirements**

1. All of the terms and conditions in this permit are federally enforceable.