Facility ID: 1409000628 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

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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
10 HP Cowles	OAC rule 3745-31-05 (PTI 14-1515)	See A.2.
	OAC rule 3745-21-07(G)(2)	The organic compounds (OC) emission limitations based on this rule are the same as those established pursuant to OAC rule 3745-31-05.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11	The particulate emission limitation based on this rule is the same as that established pursuant to OAC rule 3745-31-05.

2. **Additional Terms and Conditions**

   (a) The organic compound content (OC) of each coating manufactured shall not exceed 50% by weight.
   The OC emissions shall not exceed 8 pounds/hour*, 40 pounds/day and 7.3 TPY.

   * The hourly emission limitation is based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this limit.
   Particulate emissions (PE) shall not exceed 1.3 pounds/hr* and 1.87 TPY.

   * The hourly emission limitation is based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with this limit.

B. **Operational Restrictions**

1. The maximum daily production of coating materials in this emissions unit shall not exceed 10,666 pounds.

2. This emissions unit shall be equipped with tight-fitting covers.

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 total amount of materials mixed, in pounds.

   b. The total amount of organic solvent employed, in pounds.

   c. The total amount of pigments mixed, in pounds.

   d. The pounds of OC emissions [30 lbs OC/ton of solvent X b/2000 X (1-.50)].

2. The permittee shall record each month the OC content, in percent (by weight), of each coating manufactured in this emissions unit.

D. **Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record showing an exceedance of the daily OC emission, OC content, or daily production limitations specified in sections A.2 and B.1. The notification shall include a copy of such record and shall be sent to the Hamilton

County Department of Environmental Services within 30 days following the end of the calendar month.

E. **Testing Requirements**

1. Compliance with the emission limitation in section A.1. of these terms and conditions shall be determined in accordance with the following method.
   Emission Limitation:
   20 percent opacity, as a 6-minute average

   Applicable Compliance Method:
   OAC rule 3745-17-03(B)(1)
   Emission Limitations:
   40 lbs/day and 7.3 tons/year OC

   Applicable Compliance Method:
   Compliance with the daily OC emission limitation shall be based upon the record keeping maintained pursuant to section C.1 of this permit. Compliance with the annual OC emission limitation will be assumed as long as there are no exceedances of the daily OC emission limitation.
   Emission Limitation:
   1.87 tons/year (TPY) PE

   Applicable Compliance Method:
   The permittee shall use the following formula to determine compliance with the annual PE limitation:

   TPY = emission factor X tons of pigment/year X (1- fractional control efficiency) X 1/2000, where emission factor = 20 lbs PM/ton of pigment, and fractional control efficiency = 0.75.

F. **Miscellaneous Requirements**

1. None