Facility ID: 0204000351 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: 0204000351 Emissions Unit ID: P010 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
20 liter high intensity mixer used for mixing thermoplastic resins with colorants/additives. Particulate emissions are controlled by a dust collector.	PTI No. 02-9658 OAC rule 3745-31-05	0.018 ton per year of particulate matter
	OAC rule 3745-17-07	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule
	OAC rule 3745-17-11	See Additional Terms and Conditions A.2.a

2. **Additional Terms and Conditions**

   (a) The emissions limit based on OAC Rule 3745-17-11 is less stringent than the limit established pursuant to OAC Rule 3745-31-05.

B. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained at 1 to 4 inches of water while the emissions unit is in operation.

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

1. The permittee shall collect and record the following information for each day for the emissions unit:

   a. The company identification for each mix material employed.

   b. The weight of each mix material employed, in pounds per day.

2. The permittee shall properly operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on monthly basis.

D. **Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.

E. **Testing Requirements**

1. Compliance Methods

   Compliance with the emissions limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
   Emission Limitation:
   0.018 ton per year of particulate matter

   Applicable Compliance Method:
   To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

   E = P x EF x (1-CE)

Where the following applies:

E = particulate matter emissions, in tons per year

P = maximum production rate, in tons per year

EF = emission factor for uncontrolled particulate matter emissions, which is 0.01 pounds of uncontrolled particulate matter emissions per pound of material processed, as outlined in AP-42, Section 6.4.

CE = control efficiency of dust collector
Emission Limitation:
20% opacity limit for visible particulate matter emissions

Applicable Compliance Method:
Compliance shall be determined by visible emission evaluations performed in accordance with OAC Rule 3745-17-03 (B) (1) using the methods and procedures specified in U.S. EPA Reference Method 9.

F. **Miscellaneous Requirements**

1. None