Facility ID: 1667060087 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
twin screw compounding extruder with a maximum process weight rate capacity of 3200 lbs/hr controlled by a fabric filter	OAC rule 3745-31-05 (PTI 16-652)	See A.2.a, A.2.b, and A.2.c below.
	OAC rule 3745-17-07	See A.2.d below.
	OAC rule 3745-17-11	See A.2.e below.
	OAC rule 3745-21-07	See A.2.e below.

2. **Additional Terms and Conditions**

   (a) The permittee shall limit particulate emissions from this emissions unit to a maximum of 1.0 lb/hr and 4.38 tpy.

   The above particulate emission limits are greater than the emissions unit's potential to emit and, therefore, no recordkeeping, reporting, or compliance demonstration calculations are required with these limits.
   The permittee shall limit organic compound emissions from this emissions unit to a maximum of 0.5 lb/hr and 2.19 tpy.

   The above organic compound emission limits are greater than the emissions unit's potential to emit and, therefore, no recordkeeping, reporting, or compliance demonstration calculations are required with these limits.
   The permittee shall employ best available technology (BAT) to control particulate emissions from this emissions unit. The control technology shall include the following:

   i. the employment of a properly installed fabric filter (baghouse), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions; and

   ii. the employment of properly installed hoods, ducts, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate emissions to the baghouse.
   Visible particulate emissions from any stack shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
   The emission limitations based upon this rule are less stringent than the emission limitations based upon OAC rule 3745-31-05.

B. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 6 inches of water while the emissions unit is in operation.

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

1. The permittee shall employ, calibrate, operate, and maintain properly installed equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to monitor the pressure drop across the baghouse while the emissions unit is in operation. The permittee shall record the pressure drop across the baghouse on a weekly 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 with the emission limitations in Section A.2 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

1.0 lb/hr of particulate emissions

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures and test method(s) specified in OAC rule 3745-17-03(B)(10).
Emission Limitation:

0.5 lb/hr of organic compounds

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures and test method(s) specified in OAC rule 3745-21-10(C).
Emission Limitation:

20% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

F. **Miscellaneous Requirements**

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit, are subject to public disclosure in accordance with OAC rule 3745-49-03.

2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the emissions unit.