Facility ID: 0868730181 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: 0868730181 Emissions Unit ID: P005 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
Vertical Counter Flow Pellet Mill Cooler #2 with a Cyclone	OAC 3745-31-05(A)(3) PTI #08-3140	The Mac Equipment cyclone, model 1HE48, shall achieve an outlet emission rate of not greater than 0.020 grain of particulate emissions per dry standard cubic foot of exhaust gases, (1.07 lbs/hr). 3.13 TPY particulate emissions Visible emissions of 5% opacity, as a 6-minute average
	OAC 3745-17-11(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)
	OAC rule 3745-17-07 (A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)

2. **Additional Terms and Conditions**

   (a) None

B. **Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 5850 hours.

2. The pressure drop of the cyclone shall be maintained at 5.5 to 9.5 inches of water while the emissions unit is in operation.

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

1. The permittee shall maintain monthly records of hours this emission unit is in operation.

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the cyclone 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 cyclone on a daily basis.

3. The permittee shall comply with the preventive maintenance and malfunction abatement plan for this emissions unit submitted to the Regional Air PollutionControl Agency (RAPCA) on August 15, 1999, which plan may from time to time be amended with prior notification to and approval from RAPCA.

D. **Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop of the cyclone does not comply with the allowable range specified above. The reports shall be sent to the Regional Air Pollution Control Agency within 30 days after the deviation occurs.

2. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each calendar year.

E. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
   Emission Limitation-
   0.02 gr/dscf

   Applicable Compliance Method-
   If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(10).
   Emission Limitation-
   3.13 TPY particulates

   Applicable Compliance Method-
   Compliance shall be determined by multiplying the hourly allowable emission rate of 1.07 lbs/hr* by the annual hours of operation.

   * 0.02 gr/cf X 6250 cf/min X lb/7000 grains X 60 min/hr
   Emission Limitation-
   5% opacity, as a 6-minute average

   Applicable Compliance Method-
   Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Method 9.

F. **Miscellaneous Requirements**

1. None