

Facility ID: 0278060352 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: 0278060352 Emissions Unit ID: P901 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>
ADM Mill Scale Dryer and Screening Plant with Baghouse Control	OAC rule 3745-31-05(A)(3) (PTI 02-3996)	Particulate emissions (PE) shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases, 4.53 pounds per hour and 25.1 tons per year.  Visible particulate emissions from the control equipment and process fugitive emissions of this emissions unit shall not exceed 10% as a 6-minute average.  See sections B.2, B.3, B.4 and B.5 below.
	OAC rule 3745-21-07(G)	Organic compound (OC) emissions shall not exceed 7.3 tons per year. OC emissions shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-17-11 OAC rule 3745-17-07(A) and (B) OAC rule 3745-17-08	The emission limitations required by these applicable rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

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

**B. Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range either established during the most recent performance test that demonstrated compliance while the emissions unit is in operation or recommended by the manufacturer.
2. The permittee shall restrict operation of this emissions unit to a maximum of 16 hours per day.
3. The permittee shall continue to minimize fugitive particulate emissions from the screener by maintaining a tight cover on the screen and by maintaining the screener house (enclosure) in good condition.
4. The permittee shall continue to minimize fugitive particulate emissions from material transfer operations by the use of enclosures and good operating practices.
5. The permittee shall continue to keep an inspection and maintenance log for the dryer, control equipment and screener house enclosure.

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

1. The permittee shall 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 a daily basis.
2. The permittee shall maintain records for this emissions unit that indicate the total hours of operation both daily and annually.

3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.
4. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the egress points (i.e., conveyors, screener enclosure, product load out, etc.) serving this emissions unit. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the location and color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

#### D. Reporting Requirements

1. The permittee shall submit quarterly 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 established in section C.1 above. The report shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) following the end of the quarter.
2. The permittee shall submit deviation (excursion) reports that identify each day the operation hour restriction was exceeded. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.
4. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from the egress points (i.e., conveyors, screener enclosure, product load out, etc.) serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

#### E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
Visible fugitive particulate emissions from this emissions unit shall not exceed 10% opacity as a 3-minute average.  
  
Applicable Compliance Method:  
  
Compliance with the visible emission limitation for the fugitive particulate emissions shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(3) and (B)(3)(b) of OAC rule 3745-17-03.  
Emission Limitation:  
  
Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 10% opacity as a 6-minute average.  
  
Applicable Compliance Method:  
  
Compliance shall be determined by visible emission evaluations performed in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.  
Emission Limitation:  
  
OC emissions shall not exceed 8 pounds per hour and 40 pounds per day of organic emissions.  
  
Applicable Compliance Method:  
  
Compliance has been demonstrated by the testing done on Oct. 11, 1994, with results of 2.4 pounds per hour, and compliance with section B.2.  
  
If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly OC

emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 25 or 25A.

Emission Limitation:

PE shall not exceed 4.53 lbs/hr and 0.04 gr/dscf from the baghouse stack controlling this emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated based upon OAC rule 3745-17-03(B)(10) and the methods and procedures specified in section E.2.

Emission Limitation:

PE shall not exceed 25.1 tons per year.

Applicable Compliance Method:

Compliance shall be determined by multiplying the most recent stack test hourly emission rates for PE by the annual hours of operation and then dividing by 2000 lbs/ton.

Emission Limitation:

OC emissions shall not exceed 7.3 tons per year.

Applicable Compliance Method:

Compliance shall be determined by multiplying the most recent stack test hourly emission rates for OC by the annual hours of operation and then dividing by 2000 lbs/ton.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted within 2 years of issuance of the permit and within 1 year prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for PE;

c. the following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: for particulate matter, Methods 1 through 5 of 40 CFR Part 60, Appendix A; and

d. the testing shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

F. **Miscellaneous Requirements**

1. None