

Facility ID: 1652100008 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: 1652100008 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>
Pneumatic conveying and storage of raw materials controlled with baghouses	OAC rule 3745-17-11	3.2 lbs/hr and 14.0 tpy of particulate matter from this portion of the emissions unit
	OAC rule 3745-17-07	20% opacity as a 6-minute average, for stack emissions
Mechanical unloading of rail cars, bucket elevator and screw conveyors, elevator and storage bins controlled with baghouses	OAC rule 3745-17-08	The baghouse(s) of this portion of the emissions unit shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases.
	OAC rule 3745-17-07	20% opacity as a 3-minute average, for fugitive emissions

**2. Additional Terms and Conditions**

- (a) The specific operations, equipment and/or property which constitute emissions unit P901, and which are covered by this permit, are listed below:
  - i. pneumatic unloading of trucks;
  - ii. mechanical unloading of rail cars;
  - iii. screw conveyors, bucket elevator;
  - iv. raw material storage bins; and
  - v. gravity loading of pneumatic tank trailers.

The permittee shall employ the following reasonably available control measures to minimize or eliminate fugitive particulate emissions:

  - i. the installation and employment of fabric filters (baghouses), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions;
  - ii. the installation and employment of 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 matter to the baghouses;
  - iii. the pneumatic conveying and storage of raw materials shall be conducted within an enclosed system and vented to baghouses to control particulate emissions;
  - iv. rail car bottom dumping shall be conducted through a vinyl boot into a sealed undertrack screw conveyor;
  - v. the bucket elevator and overhead conveyors shall be of an enclosed design in order to minimize or eliminate visible particulate emissions at the point(s) of capture; and

vi. the elevator and storage bins shall vent to baghouses to control particulate emissions.

**B. Operational Restrictions**

1. The pressure drop across each of the baghouses shall be maintained within the range of 1 to 4 inches of water, while the emissions unit is in operation.

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

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across each of the baghouses 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 drops across the baghouses 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 any of the baghouses did not comply with the allowable range specified above.

**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:

3.2 lbs/hr of particulate matter

14.0 tpy of particulate matter

Applicable Compliance Method:

Stack testing may be required to demonstrate compliance per OAC rule 3745-17-03(B)(10).

Emission Limitation:

0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases

Applicable Compliance Method:

Stack testing may be required to demonstrate compliance per OAC rule 3745-17-03(B)(7).

Emissions Limitation:

20% opacity as a 6-minute average, for stack emissions

Applicable Compliance Method:

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

Emissions Limitation:

20% opacity as a 3-minute average, for fugitive emissions

Applicable Compliance Method:

OAC rule 3745-17-03(B)(3)

**F. Miscellaneous Requirements**

1. None