

Facility ID: 1652100083 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: 1652100083 Emissions Unit ID: P902 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>
Material handling and storage facilities, conveying of minerals from carrier to storage via pneumatic and screw conveyors	OAC rule 3745-31-05 See F.1 below.	Visible emissions to the ambient air shall not exceed 1% opacity from storage activities and the baghouse stack. All related material transfer points shall be enclosed and there shall be no visible emissions to ambient air from these conveying operations.
		Combined particulate emissions shall not exceed 1.50 pounds of particulate matter per hour.
	OAC rule 3745-17-11 See F.1 below.	See A.2.a below.
		See A.2.b below.
	40 CFR 60, Subpart UU See F.1 below.	See A.2.c below
	OAC rule 3745-17-07 See F.1 below.	
	OAC rule 3745-17-08 See F.1 below.	

**2. Additional Terms and Conditions**

- (a) Both the particulate emission limitation and the visible particulate emission limitation required by 40 CFR 60, Subpart UU are less stringent than the emission limitations as determined in accordance with best available technology.
 

The visible particulate emission limitation required by OAC rule 3745-17-07 is less stringent than the visible particulate emission limitation as determined in accordance with best available technology.

The permittee shall provide enclosed conveying systems (screw, bucket, belt conveyors) for the transfer of all raw materials from storage to the mixers and sand/granule application area. Exempt from this requirement is the belt conveyor for granules. All related material transfer points shall be enclosed. There shall be no visible emissions to ambient air from these conveying operations.

**B. Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the range of 2 to 5 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 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 weekly basis.

**D. Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that 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 Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:

1.50 lbs/hr of particulate matter per hour

Applicable Compliance Method:

Multiply the particulate emission factor of 0.049 pound of particulate emissions per ton of sand or filling by the maximum hourly rate of 20 tons per hour for conveying and transferring and 20 tons per hour for truck unloading; then multiply by (1-control efficiency). Testing may be required in accordance with the requirements specified in OAC rule 3745-17-03(B)(10).

$[.049 \text{ lb/ton sand} \times 40 \text{ ton sand/hr} \times 0.02] = 0.039 \text{ lb/hr}$

Emission Limitation:

visible emissions limit of 1% opacity

Applicable Compliance Method:

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

Emission Limitation:

no visible emissions

Applicable Compliance Method:

OAC 3745-17-03(B)(4)

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1249, as issued on August 11, 1993: A, B, C, D and E.