

Facility ID: 0387020351 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.

- [Go to Part II for Emissions Unit F001](#)
- [Go to Part II for Emissions Unit F002](#)
- [Go to Part II for Emissions Unit F003](#)

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Facility ID: 0387020351 Emissions Unit ID: F001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
Mixer Loading/Transit Mix Truck Loading w/Baghouse	PTI#03-8135	0.26 lb PM/hr Best available technology (see A.2.2.a)
	3745-17-07	20 percent opacity, except as provided by rule
	3745-17-11	The emissions limit based on this rule is less stringent than the PTI's limit

**2. Additional Terms and Conditions**

- (a) Particulate matter emissions from the mixer loading/transit mix truck loading shall be vented to a baghouse.

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance Methods

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-  
20 percent opacity as a six-minute average

Applicable Compliance Method-  
OAC rule 3745-17-03(B)(1)  
Emission Limitation-  
0.26 lb PM/hr

Applicable Compliance Method-  
Multiply the particulate emissions factor of 0.02 lb/per ton of sand aggregate and/or cement by the actual annual sand and/or cement usage rate or, if required, the permittee shall perform stack testing of the baghouse discharge using OAC rule 3745-17-03 (B)(10).

**F. Miscellaneous Requirements**

1. None

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Facility ID: 0387020351 Emissions Unit ID: F002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
Sand Transfer/Cement Unloading/Silo Vents w/Baghouse	PTI#03-8135	0.45 lb PM/hr Best available technology (see A.2.2.a)
	3745-17-07	20 percent opacity, except as provided by rule
	3745-17-11	The emissions limit based on this rule is less stringent than the PTT's limit

2. **Additional Terms and Conditions**
  - (a) Particulate matter emissions from the silo vents shall be vented to a baghouse.

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance Methods
 

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-  
20 percent opacity as a six-minute average

Applicable Compliance Method-  
OAC rule 3745-17-03(B)(1)  
Emission Limitation-  
0.45 lb PM/hr

Applicable Compliance Method-  
Multiply the particulate emissions factor of [0.04 lb/ton sand transferred and 0.024 lb/ton cement unloaded into silo] by the actual annual [sand usage or cement usage] rate or, if required, the permittee shall perform stack testing of the baghouse discharge using OAC rule 3745-17-03 (B)(10).

**F. Miscellaneous Requirements**

1. None

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Facility ID: 0387020351 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
Plant Roadways and Parking Areas	PTI#03-8135	0.1 lb PM/hr See A.2.2.a Best available technology (see A.2.2.b)
	3745-17-07	*

**2. Additional Terms and Conditions**

- (a) There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed 3 minutes during any 60-minute observation period.  
The permittee shall apply dust suppressants to the unpaved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. Cutback petroleum asphalt shall be used as the dust suppressant and the following equipment shall be used for periodic applications: a hose and a tank. The dust suppressant shall be applied to the unpaved surfaces on a daily "as needed" basis. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.  
  
Any material carried off of the permittee's property and deposited onto public streets by vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly to minimize or prevent resuspension.  
  
A maximum speed limit of 5 MPH shall be posted and enforced on the property.  
  
Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.  
  
\* The emissions limit based on this rule is less stringent than the PTI's limit.

**B. Operational Restrictions**

1. None

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

1. The permittee shall maintain daily records which include the following information for the unpaved roadways and parking areas:
  - a. The date dust suppressants were applied to the unpaved surfaces;
  - b. The portions of unpaved surfaces that were treated with dust suppressants;
  - c. The application rate of water and any chemical additives (gallons per square yard);
  - d. The name of the operator responsible for the application of the dust suppressants.

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance Methods  
  
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-  
No visible particulate emissions, except for a period of time not to exceed 3 minutes  
  
Applicable Compliance Method-  
OAC rule 3745-17-03(B)(4)  
Emission Limitation-  
0.1 lb PM/hr  
  
Applicable Compliance Method-

The permittee shall use the AP-42 emissions factor of 0.65 lb PM/VMT\* to demonstrate compliance with the above emissions limit.

\*VMT = vehicle miles travelled

F. **Miscellaneous Requirements**

1. None