

Facility ID: 1677000570 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.

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[Go to Part II for Emissions Unit F004](#)

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Facility ID: 1677000570 Emissions Unit ID: F003 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>
Unpaved roadways and parking areas	PTI 16-1634	39.52 TPY of particulate matter See A.2 below.
	OAC 3745-17-07	
	OAC 3745-17-08	

**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. Any owner of this emissions unit will take reasonably available control measures to prevent fugitive dust from becoming airborne through the periodic application of water on the unpaved roadways and parking areas. The permittee shall post speed limit signs on the unpaved roadways. The speed limit for all unpaved roads shall not exceed 15 miles per hour. All unpaved parking areas and road segments shall periodically be treated with water on a bi-weekly basis, or as necessary to comply with the particulate emissions limitation requirements of PTI 16-1634, in order to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic.

**B. Operational Restrictions**

1. None

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

1. The permittee shall maintain 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 of each per square yard); and
  - d. the name of the equipment operator responsible for the application of the dust suppressants.

**D. Reporting Requirements**

1. None

**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:  
39.52 TPY of particulate matter

Applicable Compliance Method:

Total Emissions = Roadway + Grading/Bulldozing + Truck Loading

i. Roadway Emissions:

multiply the particulate emission factor of 15.913 lbs. per VMT by the maximum miles traveled per year

ii. Grading/Bulldozing Operations Emissions:

Bulldozing: multiply the particulate emission factor of 0.75 lb/ton by the maximum tons used per year

Grading: multiply the emission factor of 0.6 lb/VMT by the maximum miles traveled per year

iii. Truck Loading/Unloading Emissions:

Truck Loading: multiply the emission factor of 0.037 lb/ton by the maximum mass being loaded per year

Truck Unloading: multiply the emission factor or 0.007 lb/ton by the maximum mass being unloaded per year

All emission factors were supplied by the permittee in the permit application.

Emission Limitation:

no visible emissions except 3 minutes in any 60 minutes observation period

Applicable Compliance Method:

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

F. **Miscellaneous Requirements**

1. None

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Facility ID: 1677000570 Emissions Unit ID: F004 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 piles	PTI 16-1634	43.35 TPY of particulate matter See A.2.a below.
	OAC 3745-17-07	
	OAC 3745-17-08	See A.2.b below.

2. **Additional Terms and Conditions**

- (a) There shall be no visible particulate emissions from any material handling or storage pile except for a period of time not to exceed 3 minutes during any 60-minute observation period.  
The permittee of this emissions unit will take reasonably available control measures to prevent fugative dust from becoming airborne through the periodic application of water on the material handling and storage piles.  
All material handling and storage piles shall be treated with water on a bi-weekly basis, or as necessary to comply with the particulate emissions limitation requirements, as specified above.

B. **Operational Restrictions**

1. None

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

1. The permittee shall maintain records which include the following information for the material handling and storage piles:

- a. the date dust suppressants were applied to the storage piles;
- b. the portions of storage piles that were treated with dust suppressants;
- c. the application rate of water and any chemical additives (gallons of each per square yard); and
- d. the name of the equipment operator responsible for the application of the dust suppressants.

**D. Reporting Requirements**

- 1. None

**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:

43.35 TPY of particulate matter

Applicable Compliance Method:

Total Emissions = Material Handling + Storage Piles & Wind Erosion

i. Storage Pile & Wind Erosion:

multiply the particle emission factor for each month by the maximum work area of 25 acres/month and then correct for the percentage of wet days in that month

January: 133.24 g/m<sup>2</sup>

February: 121.28 g/m<sup>2</sup>

March: 133.24 g/m<sup>2</sup>

April: 158.55 g/m<sup>2</sup>

May: 109.78 g/m<sup>2</sup>

June: 98.75 g/m<sup>2</sup>

ii. Material Handling:

multiply the particulate emission factor of 5.85E-05 lb/ton by the maximum mass of material handled in that period

All emission factors were provided by the permittee in the permit application.

Emission Limitation:

no visible emissions except 3 minutes in any 60 minute observation period

Applicable Compliance Method:

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

**F. Miscellaneous Requirements**

- 1. None