

Facility ID: 0607100211 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 B001](#)
- [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: 0607100211 Emissions Unit ID: B001 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>
Diesel Generator	OAC 3745-31-05 See F.	0.25 lb PM/MMBtu, 0.27 TPY PM 0.23 lb SO2/MMBtu, 0.25 TPY SO2 0.28 lb HC/MMBtu, 0.3 TPY HC 3.47 lbs NOx/MMBtu, 3.75 TPY NOx 0.76 lb CO/MMBtu, 0.82 TPY CO
	OAC 3745-17-07(A) See F.	Visible particulate emissions from the stack shall not exceed 20%, as a 6-minute average, except as specified by rule.
	OAC 3745-17-11(B)(5) See F.	Same as that from OAC 3745-31-05.

2. Additional Terms and Conditions

None

B. Operational Restrictions

1. The permittee shall only use diesel fuel having 0.5 weight percent or lower sulfur content in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For each shipment of diesel fuel recieved for burning in this emissions unit, the permittee shall maintain records of the total quantity of diesel burned and the permittee's or diesel supplier's analyses for sulfur content and heat content, and the calculated SO2 emissions rate (in lbs/MMBtu). (The SO2 emissions rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).)

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any shipment of diesel which exceeds the sulfur content limit or SO2 emissions limit. These reports shall be submitted within 30 days of the exceedance.

E. Testing Requirements

1. Compliance with the visible particulate emission limitation in the OAC 3745-17-07(A) shall be determined in accordance with the test method and procedures in OAC 3745-17-03(B)(1).
2. Compliance with the emission limits in A.1. shall be demonstrated by the emission factors from AP-42 (External Combustion Sources).
3. If required, compliance with the PM and SO2 emission limits shall be demonstrated by performing emissions testing in accordance with 40 CFR Part 60, Appendix A, Methods 5 and 6, respectively.

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 17-1407 as issued on 1-18-96: A-E.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0607100211 Emissions Unit ID: F001 Issuance type: Final State Permit To Operate

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

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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 Roads and Parking Areas	OAC 3745-31-05 See F.	0.55 TPY PM
	OAC 3745-17-08(B) See F.	No visible particulate emissions, except for 3-minutes during any 60-minute observation period. See B.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. 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. Water or suitable dust suppression chemicals shall be used as the dust suppressant, and the following equipment shall be used for the periodic applications: Water Truck. The dust suppressant shall be applied to the unpaved surfaces, on an 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.
2. Any material carried off of the permittee's property and deposited onto public streets by vehicular traffic or by erosion by water, ect., shall be promptly removed and disposed of properly to minimize or prevent resuspension.
3. A maximum speed limit of 15 miles per hour shall be posted and enforced on the property.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the visible particulate emission limitation in A.1 shall be determined in accordance with the test method and procedures in OAC 3745-17-03(B)(4).
2. Compliance with the PM emission limit shall be demonstrated by the emission factors, operational parameters and control efficiencies in PTI application number 17-1407 as submitted on 7-28-95.

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 17-1407 as issued on 1-18-96: A-E.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0607100211 Emissions Unit ID: F002 Issuance type: Final State Permit To Operate

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

Part II - Special Terms and Conditions

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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>
Limestone Storage Piles	OAC 3745-31-05 See F.	2.88 TPY PM
	OAC 3745-17-08(B) See F.	No visible particulate emissions from the material storage piles, except for a period of time not to exceed 1 minute during any 60-minute observation period. See A.2.

2. Additional Terms and Conditions

- (a) All aggregate storage piles shall contain sufficient moisture by use of a water spray system so as to minimize or eliminate visible emissions caused by wind erosion. During the loading onto or removal from the aggregate storage piles, the drop height of the front end loader shall be reduced to the maximum extent possible in order to minimize or eliminate visible emissions of fugitive dust. The aggregate shall contain adequate moisture content to minimize or eliminate fugitive dust during loading onto, and loadout activities.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the visible particulate emission limitation in A.1. shall be determined in accordance with the test method and procedures in OAC 3745-17-03(B)(4).
2. Compliance with the PM emission limit shall be demonstrated by the emission factors, operational parameters and control efficiencies in PTI application number 17-1407 as submitted on 7-28-95.

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 17-1407 as issued on 1-18-96: A-E.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0607100211 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

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

Part II - Special Terms and Conditions

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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>
Aggregate Plant Operations	OAC 3745-31-05 See F.	0.495 TPY PM See A.2.
	40 CFR Part 60, Subpart 000 See F.	See A.2.a.-c.
	OAC 3745-17-08(B) See F.	See A.2.d. and e.

2. **Additional Terms and Conditions**

- (a) Visible particulate emissions from crushers shall not exceed fifteen percent opacity as a three-minute average.
Visible particulate emissions from transfer points shall not exceed ten percent opacity as a three-minute average.
Visible particulate emissions from screening shall not exceed ten percent opacity as a three-minute average.
The permittee shall maintain and employ, as needed, a properly sized spray bar system providing adequate water volume and pressure to wet the limestone material sufficiently to minimize or eliminate at all times fugitive dust.
The permittee shall instruct and require all front end loader operators to reduce the bucket drop height to the extent possible in order to minimize or eliminate the visible emissions of fugitive dust.

B. Operational Restrictions

None

C. Monitoring and/or Record Keeping Requirements

1. The facility shall maintain monthly records of the total aggregate production at this facility.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the visible particulate emission limits in A.2. shall be determined in accordance with the test methods and procedures in OAC 3745-17-03(B)(3).
2. Compliance with the PM emission limit shall be demonstrated by the emission factors, operational parameters and control efficiencies in PTI application number 17-1407 as submitted on 7-28-95.

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 17-1407 as issued on 1-18-96: A-E.