

Facility ID: 1667000069 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](#)
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Facility ID: 1667000069 Emissions Unit ID: F001 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>
aggregate processing plant	OAC rule 3745-31-05	8.7 tons of particulate matter (PM) per year (see Section A.2.e) 20% opacity, as a 3-minute average for the primary crusher (See A.2.b below) There shall be no visible particulate emissions from the classifier tanks, the wet sand screws, and the gravel washers. Use of reasonable available control measures (RACM) (See A.2.c below) 15% opacity for the secondary crushers (See A.2.d below)
	40 CFR Part 60, subpart OOO	No permittee shall cause to be discharged into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill, or storage bin (See A.2.d below).

2. Additional Terms and Conditions

- (a) This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A) and OAC rule 3745-17-07(B)(1)(e), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B) and OAC rule 3745-17-07(B).
The primary crusher was manufactured in 1967 and is not subject of 40 CFR Part 60, subpart OOO.
The permittee shall employ reasonably available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit F001. If the inherent moisture in the sand and gravel is not sufficient to comply with the opacity restrictions of this permit, the permittee shall install equipment to apply water, or any other suitable dust suppressant, at appropriate locations in the production line.
Compliance with the opacity limitations shall be achieved on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup.
The 8.7 tpy limitation was established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

B. Operational Restrictions

1. None
- C. **Monitoring and/or Record Keeping Requirements**
 1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions of fugitive dust from the primary crusher, the primary washing screen, each secondary crusher, the secondary washing screen, each classifier tank, each wet sand screw, and each gravel washer. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
- D. **Reporting Requirements**
 1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions of fugitive were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
 2. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in Section 60.672 of 40 CFR Part 60, subpart OOO, including reports of opacity observations made using Method 9 to demonstrate compliance with Sections 60.672(b), (c), and (f) of 40 CFR Part 60, subpart OOO.
 3. The permittee of any screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to Section 60.672(h) of 40 CFR Part 60, subpart OOO and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in Section 60.672(b) of 40 CFR Part 60, subpart OOO and the emission test requirements of Section 60.11 of 40 CFR Part 60, subpart A and 40 CFR Part 60, subpart OOO. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in Section 60.672(h) of 40 CFR Part 60, subpart OOO.
 4. A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator. For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the permittee to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.
 5. The permittee shall submit the following information for each piece of equipment that is replaced by a piece of equipment of equal or smaller size having the same function as the existing facility:
 - a. for a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:
 - i. the rated capacity in tons per hour of the existing facility being replaced, and
 - ii. the rated capacity in tons per hour of the replacement equipment;
 - b. for a screening operation:
 - i. the total surface area of the top screen of the existing screening operation being replaced, and
 - ii. the total surface area of the top screen of the replacement screening operation;The notification shall be submitted within 30 days after equipment replacement.
 6. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.2.
- E. **Testing Requirements**
 1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of the permit
 - b. The emission testing shall be conducted to demonstrate compliance with opacity emission limitations for the secondary crushers.
 - c. The following test method(s) shall be employed to demonstrate compliance: for particulate emissions Method 9 of 40 CFR Part 60, Appendix A and the procedures in Section 60.11 of 40 CFR Part 60, subpart A, with the following additions:
 - i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
 - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.

- iii. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
- d. When demonstrating compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under Section 60.672(c) of 40 CFR Part 60, subpart OOO, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
- i. There are no individual readings greater than 15 percent opacity; and
 - ii. There are no more than 3 readings of 15 percent for the 1-hour period.
- e. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
 3. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
 4. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.
 5. The initial performance tests required in Sections E.1 through E.4 of these terms and conditions is not required for wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill, or storage bin.
 6. 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:

8.7 tons of PM per year

Applicable Compliance Method:

Total Emissions = Primary Crushing + Primary Screening + Secondary Crushing/Screening

Primary Crushing: Multiply the AP-42 emission factor (AP-42, Table 11.19.2-2 (1/95)) of 0.0007 pound of particulate emissions per ton of material throughput by the maximum yearly material throughput rate, then divided by 2000.

Primary Screening: Multiply the Fire 6.01 emission factor (US EPA Fire 6.01 SCC 30502511) of 0.252* pound of particulate emissions per ton of product by the maximum yearly amount of product. Then multiply the resulting uncontrolled emission rate by a control factor of 99% (1-.99), then divided by 2000.

Secondary Crushing/Screening: Multiply the AP-42 emission factor (AP-42, Table 11.19.2-2 (1/95)) of 0.001764* pound of particulate emissions per ton of material throughput by the maximum yearly material throughput rate, then divided by 2000.

*Emission factor was multiplied by 2.1 to convert the emission factor from PM-10 to total suspended particulate.

Emission Limitation:

20% opacity as a three-minute average

Applicable Compliance Method:

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

Emission Limitation:

no visible particulate emissions from the classifier tanks, the wet sand screws, and the gravel washers

Applicable Compliance Method:

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

Emission Limitation:

15% opacity from secondary crushers

Applicable Compliance Method:

Compliance shall be demonstrated using US EPA Method 9 of 40 CFR Part 60, Appendix A and the procedures in Section 60.11 of 40 CFR Part 60, subpart A as required in sections E.1 through E.4 of these terms and conditions.

Emission Limitation:

no visible particulate emissions from wet screening operations

Applicable Compliance Method:

Method 22 of 40 CFR Part 60, Appendix A

F. **Miscellaneous Requirements**

1. None

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Facility ID: 1667000069 Emissions Unit ID: F002 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>
non-metallic mineral extraction	OAC rule 3745-31-05	13.0 tons of particulate matter (PM) per year (see Section A.2.b) Visible particulate emissions from overburden removal, truck loading operation for sand and gravel, truck loading operation for overburden, overburden reclamation activities, and wind erosion shall not exceed twenty per cent opacity, as a three-minute average.

2. **Additional Terms and Conditions**

- (a) This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A) and OAC rule 3745-17-07(B)(11)(e), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B) and OAC rule 3745-17-07(B). The 13.0 tpy limitation was established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

B. **Operational Restrictions**

1. None

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

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions of fugitive dust from overburden removal, truck loading operation for sand and gravel, truck loading operation for overburden, overburden reclamation activities, and wind erosion. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

D. **Reporting Requirements**

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions of fugitive were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.2.

E. Testing Requirements

1. 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:

13.0 tons of PM per year

Applicable Compliance Method:

Total Emissions = overburden removal + truck loading operation for sand and aggregate + truck loading operation for overburden + overburden reclamation activities + wind erosion

Overburden removal: Multiply the RACM emission factor (Ohio EPA RACM Table 2.1.4-3) of 0.004 pound of particulate emissions per ton of overburden removed by the maximum yearly amount of overburden removed, then divided by 2000.

Truck loading operation for sand and aggregate : Multiply the Fire 6.01 emission factor (US EPA Fire 6.01 SCC 30502506) of 0.02 pound of particulate emissions per ton of product by the maximum yearly amount of product. Then multiply the resulting uncontrolled emission rate by a control factor of 70% (1-.70), then divided by 2000.

Truck loading operation for overburden: Multiply the AP-42 emission factor (AP-42, Table 11.9-4 (7/98)) of 0.037 pound of particulate emissions per ton of material loaded by the maximum yearly amount of material loaded. Then multiply the resulting uncontrolled emission rate by a control factor of 70% (1-.70), then divided by 2000.

Overburden reclamation activities: Multiply the RACM emission factor (Ohio EPA RACM Table 2.1.4-3, page 2-79 states the emission factor is the same as the emission factor for overburden removal) of 0.004 pound of particulate emissions per ton of overburden removed by the maximum yearly amount of overburden removed, then divided by 2000.

Wind erosion: Multiply the RACM derived emission factor (Ohio EPA RACM page 2-79 equation 1) of 0.0536 ton of particulate emissions per acre per year by the number of barren acres at the site during the year, then divided by 2000.

Emission Limitation:

twenty per cent opacity, as a three-minute

Applicable Compliance Method:

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

F. Miscellaneous Requirements

1. None

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Facility ID: 1667000069 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>
roadways and parking areas	OAC rule 3745-31-05	29.5 tons of particulate matter (PM) per year (combined paved and unpaved emissions) (see section A.2.j.)
paved roadways and parking areas (see Section A.2.a)	OAC rule 3745-31-05	no visible particulate emissions except for one minute during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c, and A.2.e through A.2.i)
unpaved roadways and parking areas (see Section A.2.b)	OAC rule 3745-31-05	no visible particulate emissions except for 3 minutes during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.i)

2. **Additional Terms and Conditions**

- (a) The paved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

paved roadways: paved service road

paved parking areas: none

The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways: unpaved service road, haul road

unpaved parking areas: parking area

The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas by flushing with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

The 29.5 tpy limitation was established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A) and OAC rule 3745-17-07(B)(1)(e), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B) and OAC rule 3745-17-07(B).

B. **Operational Restrictions**

1. None

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

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

paved roadways and parking areas minimum inspection frequency

. all daily

unpaved roadways and parking areas minimum inspection frequency

. all daily

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.2.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation:

29.5 tons of PM per year

Applicable Compliance Method:

Total emissions = unpaved emissions + paved emissions

For paved emissions: multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.1, Equation 1 (9/98)) of 5.97 pounds of particulate emissions per vehicle mile traveled by the total number of vehicle miles traveled per year.

For unpaved emissions: multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.2, Equation 1 (9/98)) of 4.83 pounds per vehicle mile traveled by the total number of vehicle miles traveled per year.

Emission Limitation:

no visible particulate emissions except for one minute during any 60-minute period

no visible particulate emissions except for 3 minutes during any 60-minute period

Applicable Compliance Method:

Compliance with the emission limitation for the paved and unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. None

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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>
storage piles	OAC rule 3745-31-05	27.1 tons of particulate matter (PM) per year (combined emissions from load-in, load-out, and wind erosion from all storage piles) (see Section A.2.g) no visible emissions except for one minute in any hour
load-in and load-out of storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05	best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b, A.2.c and A.2.f) no visible emissions except for one minute in any hour best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.f)
wind erosion from storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05	

2. Additional Terms and Conditions

- (a) The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:
 - i. Washed Gravel Storage Piles #1 - 6
 - ii. Washed Sand Storage Piles #1 - 6
 The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintain a low drop height and to maintain a high moisture content of the material being stored to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
 The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintain a high moisture and a low silt content of the material be stored to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
 Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A) and OAC rule 3745-17-07(B)(11)(e), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B) and OAC rule 3745-17-07(B).

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:
 - storage pile identification minimum load-in inspection frequency
 - . all daily
2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:
 - storage pile identification minimum load-out inspection frequency
 - . all daily
3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:
 - storage pile identification minimum wind erosion inspection frequency
 - . all daily
4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.
6. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
7. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation:

27.1 tpy PM

Applicable Compliance Method:

Total Emissions = load-in + load-out + wind erosion

Load-in: multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4 equation 1 (1/95)) of 0.00017 pound of particulate emissions per ton of material loaded-in for sand by the maximum yearly tons of sand loaded-in plus multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4 equation 1 (1/95)) of 0.00029 pound of particulate emissions per ton of material loaded-in for gravel by the maximum yearly tons of gravel loaded-in.

Load-out: multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4 equation 1 (1/95)) of 0.0017 pound of particulate emissions per ton of material loaded-out for sand by the maximum yearly tons of sand loaded-out plus multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4 equation 1 (1/95)) of 0.0029 pound of

particulate emissions per ton of material loaded-out for gravel by the maximum yearly tons of gravel loaded-out.

Wind erosion: multiply the RACM derived emission factor (RACM 2.1.2, equation 4) of 0.006 pound of particulate emissions per ton of material stored for gravel by the maximum tons of gravel stored per year plus 0.017 pound of particulate emissions per ton of material stored for sand by the maximum tons of sand stored per year.

Emission Limitation:

no visible emissions except for one minute in any hour

Applicable Compliance Method:

Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

- 1. None

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

Facility ID: 1667000069 Emissions Unit ID: F005 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 - truck dumping into grizzly feeder, conveying, and transfer points between conveyors	OAC rule 3745-31-05	18.7 tons of particulate matter (PM) per year (see Section A.2.g) 20% opacity, as a 3-minute average for truck dumping into the grizzly feeder No visible particulate emissions from transfer points that are not subject to 40 CFR Part 60, subpart OOO (see Section A.2.b) best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c through A.2.e) No permittee shall cause to be discharged into the atmosphere from any transfer point any fugitive emissions which exhibit greater than 10 percent opacity (see Sections A.2.b and A.2.f).
	40 CFR Part 60, subpart OOO	No permittee shall cause to be discharged into the atmosphere any visible emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill, or storage bin (see Sections A.2.b and A.2.f).

2. Additional Terms and Conditions

- (a) This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore,

pursuant to OAC rule 3745-17-08(A) and OAC rule 3745-17-07(B)(11)(e), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B) and OAC rule 3745-17-07(B). The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

Emission Point Equipment Type Opacity Limit Regulatory Basis for Limit

truck dumping front-end loaders/ 20% as 3-minute OAC rule 3745-31-03
into grizzly feeder feed hopper average

grizzly feeder to transfer point 10% 40 CFR Part 60, subpart OOO
belt conveyor C1

primary crusher to transfer point 10% 40 CFR Part 60, subpart OOO
belt conveyor C1

belt conveyor C1 transfer point 10% 40 CFR Part 60, subpart OOO
to belt conveyor C2

belt conveyor C2 transfer point 10% 40 CFR Part 60, subpart OOO
to primary
washing screen S1

primary washing transfer point no VEs 40 CFR Part 60, subpart OOO
screen S1 to belt
conveyor C3

belt conveyor C3 transfer point no VEs 40 CFR Part 60, subpart OOO
to secondary
crusher CR2

secondary transfer point 10% 40 CFR Part 60, subpart OOO
crusher CR2 to
belt conveyor C4

belt conveyor C4 transfer point 10% 40 CFR Part 60, subpart OOO
to belt conveyor C2

primary washing transfer point no VEs 40 CFR Part 60, subpart OOO
screen S1 to belt
conveyor C5

belt conveyor C5 transfer point no VEs 40 CFR Part 60, subpart OOO
to secondary
crusher CR3
secondary crusher transfer point 10% 40 CFR Part 60, subpart OOO
CR3 to belt
conveyor C6

belt conveyor C6 transfer point 10% 40 CFR Part 60, subpart OOO
to belt conveyor C2

primary washing transfer point no VEs 40 CFR Part 60, subpart OOO
screen S1 to belt
conveyor C7

belt conveyor C7 transfer point no VEs 40 CFR Part 60, subpart OOO
to secondary
washing screen S2

secondary washing transfer point no VEs OAC rule 3745-31-05
screen S2 to gravel
washer GW1

gravel washer transfer point no VEs 40 CFR Part 60, subpart OOO
GW1 to belt
conveyor C8

belt conveyor C8 transfer point no VEs 40 CFR Part 60, subpart OOO
to belt conveyor C9

secondary washing transfer point no VEs OAC rule 3745-31-05
screen S2 to gravel
washer GW2

gravel washer transfer point no VEs 40 CFR Part 60, subpart OOO
GW2 to belt
conveyor C10

belt conveyor transfer point no VEs 40 CFR Part 60, subpart OOO
C10 to belt
conveyor C11

secondary transfer point no VEs 40 CFR Part 60, subpart OOO
washing S2 to belt
conveyor C12

belt conveyor transfer point no VEs 40 CFR Part 60, subpart OOO
C12 to belt
conveyor C13
primary washing transfer point no VEs OAC rule 3745-31-05
screen S1 piped to
classifier tanks

classifier tanks to transfer point no VEs OAC rule 3745-31-05
wet sand screw
SS1

wet sand screw transfer point no VEs 40 CFR Part 60, subpart OOO
SS1 to belt
conveyor C14

belt conveyor C14 transfer point no VEs 40 CFR Part 60, subpart OOO
C14 to belt
conveyor C15

classifier tanks transfer point no VEs OAC rule 3745-31-05
to wet sand
screw SS2

wet sand screw transfer point no VEs 40 CFR Part 60, subpart OOO
SS2 to belt
conveyor C16

belt conveyor transfer point no VEs 40 CFR Part 60, subpart OOO
C16 to belt
conveyor C17

classifier tanks transfer point no VEs OAC rule 3745-31-05
to wet sand screw
screw SS3

wet sand screw transfer point no VEs 40 CFR Part 60, subpart OOO
SS3 to belt
conveyor C18

belt conveyor transfer point no VEs 40 CFR Part 60, subpart OOO
C18 to belt
conveyor C19

The permittee shall employ best available control measures for the above-identified material handling operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measure(s) to ensure compliance:

material handling operation(s) control measure(s)

truck dumping into grizzly feeder maintain a low drop height and high moisture content for the material being processed

transfer points listed in Section maintain a high moisture
A.2.a of these terms and conditions content for the material being
with a 10% opacity limitation processed

transfer points listed in Section wet screening
A.2.a of these terms and conditions
with no visible emissions limitation

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

Compliance with the opacity limitations shall be achieved on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup.

The 18.7 tpy limitation was established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum

frequencies:

material handling operation(s) minimum inspection frequency

. all daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) was (were) implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in 4.d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
2. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in Section 60.672 of 40 CFR Part 60, subpart OOO, including reports of opacity observations made using Method 9 to demonstrate compliance with Sections 60.672(b), (c), and (f) of 40 CFR Part 60, subpart OOO.
3. The permittee of any screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to Section 60.672(h) of 40 CFR Part 60, subpart OOO and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in Section 60.672(b) of 40 CFR Part 60, subpart OOO and the emission test requirements of Section 60.11 of 40 CFR Part 60, subpart A and 40 CFR Part 60, subpart OOO. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in Section 60.672(h) of 40 CFR Part 60, subpart OOO.
4. A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator. For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the permittee to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.
5. The permittee shall submit the following information for each piece of equipment that is replaced by a piece of equipment of equal or smaller size having the same function as the existing facility:
 - a. for a conveyor belt:
 - i. the width of the existing belt being replaced, and
 - ii. the width of the replacement conveyor belt; and

The notification shall be submitted within 30 days after equipment replacement.
6. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.2.

E. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of the permit
 - b. The emission testing shall be conducted to demonstrate compliance with opacity emission limitations for the belt conveyor transfer points that are subject to 10% opacity emission limitation required by 40 CFR Part 60, subpart OOO.
 - c. The following test method(s) shall be employed to demonstrate compliance: for particulate emissions Method 9 of 40 CFR Part 60, Appendix A and the procedures in Section 60.11 of 40 CFR Part 60, subpart A, with the following additions:
 - i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
 - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission

sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.

iii. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

d. When demonstrating compliance with the fugitive emissions standard for any affected facility as described under Section 60.672(b) of 40 CFR Part 60, subpart OOO, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- i. There are no individual readings greater than 10 percent opacity; and
- ii. There are no more than 3 readings of 10 percent for the 1-hour period.

e. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
3. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test (s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
4. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.
5. The initial performance tests required in Sections E.1 through E.4 of these terms and conditions is not required for wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill, or storage bin.
6. 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:

18.7 tons of PM per year

Applicable Compliance Method:

Total Emissions = load-in to grizzly feeder + transfer and conveying

Load-in to grizzly feeder: Multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.4 equation 1 (1/95)) of 0.002 pound of particulate emissions per ton of loaded-in by the maximum yearly amount of material loaded-in, then divided by 2000.

Transfer and conveying: Multiply the Fire 6.01 emission factor (US EPA Fire 6.01 SCC 30502503) of 0.029 pound of particulate emissions per ton of product by the maximum yearly amount of product. Then multiply the resulting uncontrolled emission rate by a control factor of 70% (1-.70), then divided by 2000.

Emission Limitation:

20% opacity as a three-minute average

Applicable Compliance Method:

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

Emission Limitation:

no visible particulate emissions from the transfer points subject to OAC rule 3745-31-05

Applicable Compliance Method:

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

Emission Limitation:

10% opacity from transfer points

Applicable Compliance Method:

Compliance shall be demonstrated using US EPA Method 9 of 40 CFR Part 60, Appendix A and the procedures in Section 60.11 of 40 CFR Part 60, subpart A as required in sections E.1 through E.4 of these terms and conditions.

Emission Limitation:

no visible particulate emissions the transfer points subject to 40 CFR Part 60, subpart OOO.

Applicable Compliance Method:

Method 22 of 40 CFR Part 60, Appendix A

F. **Miscellaneous Requirements**

1. None