

Facility ID: 0448040003 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 F003](#)
- [Go to Part II for Emissions Unit F004](#)
- [Go to Part II for Emissions Unit F005](#)

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Facility ID: 0448040003 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>
F003: 750 tph aggregate processing plant: storage piles and aggregate handling operations	OAC rule 3745-31-05(A)(3) (PTI 04-01014, issued June 12, 1996)	Emissions of fugitive particulate matter of 10 microns or less (PM10) shall not exceed 2.71 pounds per hour and 11.89 tons per year.  There shall be no visible emissions of fugitive dust from the material storage piles except for a period of time not to exceed one minute in any 60-minute observation period.  Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from aggregate handling operations.
	OAC rule 3745-17-07(B)(6)	See Sections A.2.a and b.
	OAC rule 3745-17-08(B), (B)(3), (B)(6), (B)(7)	See Section A.2.c. See Section A.2.a.

**2. Additional Terms and Conditions**

- (a) The permittee shall employ best available control measures on all operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements.
 

All aggregate storage piles shall contain sufficient moisture so as to minimize or eliminate visible emissions caused by wind erosion. During the unloading onto or removal from the aggregate storage piles, the drop height of the front-end loader shall be minimized in order to minimize or eliminate visible emissions of fugitive dust.

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

The hourly particulate emission limitations specified above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to be maintained to demonstrate compliance with these limitations.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

**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: all  
 minimum load-in inspection frequency: 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: all  
 minimum load-out inspection frequency: 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: all  
 minimum wind erosion inspection frequency: 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 shall maintain records of the following information:
- 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;
  - the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
  - the dates the control measures were implemented; and
  - 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 6.d. shall be kept separately for (i) the load-in operations, (ii) the loadout 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 quarterly deviation reports that identify any of the following occurrences:
- 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
  - 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 limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

There shall be no visible emissions of fugitive dust except for a period of time not to exceed one minute in any 60-minute observation period for all storage piles.

Applicable Compliance Method:

If required, compliance with the visible emission limitation for the wind erosion for storage piles 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.

Emission Limitation:

Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average for all aggregate handling operations of the storage piles.

Applicable Compliance Method:

If required, compliance with the emission limitation for aggregate handling operations shall be determined in accordance with Test Method 9 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)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

Emission Limitation:

Emissions of fugitive particulate matter of 10 microns or less (PM10) shall not exceed 2.71 pounds per hour.

Applicable Compliance Method:

This emission limitation was based on a one-time calculation performed using the emission factor equations in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 11/06), for aggregate handling and storage piles as follows:

$$E = k(0.0032)((U/5)^{1.3}) / ((M/2)^{1.4})$$

where:

- E = emission factor (lb/ton)
- k = particle size multiplier, 0.35
- U = mean wind speed, 9.5 mph
- M = material moisture content, 1.1%

Base the permit allowable emissions on the maximum annual production rate of 750 tph multiplied by E (E=0.006 lb/ton) multiplied by 60% control efficiency (1-0.6).  
Emission Limitation:

Emissions of fugitive particulate matter of 10 microns or less (PM10) shall not exceed 11.89 tons per year.

Applicable Compliance Method:

Annual allowable emissions are based on the hourly allowable emission rate multiplied by 8760 hours per year and divided by 2000 pounds/ton. Therefore, compliance with the hourly particulate emission limitation constitutes compliance with the annual particulate emission limitation.

**F. Miscellaneous Requirements**

1. None

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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>
F004 - 750 tph aggregate processing plant; Plant Roadways and Parking Lots	OAC rule 3745-31-05(A)(3) (PTI 04-01014, issued June 12, 1996)	Emissions of fugitive particulate matter of 10 microns or less (PM10) shall not exceed 27.32 tons per year.
		There shall be no visible particulate emissions from any paved roadway or parking area except for a period of time not to exceed one minute during any 60-minute observation period.
		There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period.
		See Sections A.2.a and b.
	OAC rule 3745-17-07(B)(4)	See Section A.2.c.
	OAC rule 3745-17-07(B)(5)	See Section A.2.c.
	OAC rule 3745-17-08(B), (B)(2), (B)(7), (B)(8), (B)(9)	See Section II.A.2.a.

**2. Additional Terms and Conditions**

- (a) The permittee shall employ best available control measures on all roadways and parking areas for the

purpose of ensuring compliance with the above-mentioned applicable requirements.

**Unpaved roadways and parking areas:**

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 an approved chemical dust suppressant shall be used as the dust suppressant, and the following equipment shall be used for the periodic applications: water truck or suitable equipment. The dust suppressant shall be applied to the unpaved surfaces, as needed. 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 prevent resuspension.

A maximum speed limit of 10 miles per hour shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times prior to leaving the permittee's property.

**Paved Roadways and Parking Areas:**

The permittee shall sweep, or apply dust suppressants to the paved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. The following equipment shall be used to sweep or water the roadways and parking areas: truck sweep, water truck, or suitable equipment. The paved surfaces shall be swept or watered, at a minimum, every day. The permittee shall not be required to sweep or water during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off the permittee's property and deposited onto public streets by vehicular traffic or by erosion water, etc., shall be promptly removed and disposed of properly to minimize or prevent resuspension.

A maximum speed limit of 15 miles per hour shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times prior to leaving the permittee's property.

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

The hourly particulate emission limitations specified above are based upon the emissions unit's potential to emit. Therefore, it is not necessary to develop monitoring, recordkeeping, and reporting requirements to ensure compliance with these emission limitations.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

**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 of the roadway segments and parking areas in accordance with the following frequencies:

unpaved roadways and parking areas: all

minimum inspection frequency: daily

2. Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

paved roadways and parking areas: all

minimum inspection frequency: daily

3. 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 abovementioned 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.

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 updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

5. The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:
  - a. the date dust suppressant was 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.
6. The permittee shall maintain the records which include the following information for paved roadways and parking areas:
  - a. the date the paved surfaces were swept or dust suppressants were applied;
  - b. the portions of the paved surfaces that were swept or 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 sweeping or application of the dust suppressants.

**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 limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:

There shall be no visible particulate emissions from paved roadways and parking areas except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed 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").

Emission Limitation:

There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the emission limitation for roadways and parking areas 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.

Emission Limitation:

PM10 shall not exceed 27.32 tons per year for all plant roadways and parking areas.

Applicable Compliance Method:

This emission limitation was based on a one time emissions calculation utilizing the maximum annual throughput rate (750 tph) and the emissions factor calculated by AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.1 and 13.2.2 as follows:

Paved roadways and parking lots, 13.2.1. (dated 11/06)

$$E = \{k (sL/2)^{0.65} [(W/3.0)^{1.5} - C] [1-(P/4N)]$$

where:

E = emissions factor in lb /vmt

k, sL, C, P & N = empirical constants, from Table 13.2.1-2

W = average vehicle weight, 18.5 tons

k = 0.016 for PM10

sL = 70 g/sqm for PM10, from Table 13.2.1-4

C = 0.00047 lb/vmt

P = 138 (Figure 13.2.1-2)

N = 365

$$E = \{[0.016 ((70/2)^{0.65})][(18.5/3)^{1.5} - 0.00047]\} [1-(138/(4)(365))] = 2.23 \text{ lb PM10/vmt}$$

therefore, uncontrolled emissions are calculated as:

$$(132,000 \text{ VMT/yr}) * (2.23 \text{ lb PM10/VMT}) / 2,000 \text{ lb/ton} = 147 \text{ tpy PM10}$$

using 95% control for water, speed limit controls:

$$147 \text{ tpy PM10} * (1-0.95) = 7.38 \text{ tpy PM10, paved}$$

Unpaved roadways and parking lots, 13.2.2. (dated 11/06)  
 $E = \{ [k (s/12)^a] [(W/3.0)^b] - C \} [(365-P)/365]$

where:

- E = emissions factor in lb /vmt
- a = 0.9 PM10
- b = 0.45
- k = particle size multiplier for PM10 = 1.5 lb/vmt
- s = road surface silt = 4.8%
- W = average vehicle weight = 18.5 tons; 100 tons; 70 tons; 2 tons
- C = exhaust break & tire wear = 0.00047 lb/vmt (Table 13.2.2-4)
- P = number of wet days = 138 (figure 13.2.2-1)

E = for the sum of the 4 different vehicle weights:

$$\begin{aligned} &E = 0.93 \text{ lb PM10/vmt} - 18.5 \text{ ton vehicle, } 259,200 \text{ vmt/yr} \\ &E = 1.98 \text{ lb PM10/vmt} - 100 \text{ ton vehicle, } 13,866 \text{ vmt/yr} \\ &E = 1.69 \text{ lb PM10/vmt} - 70 \text{ ton vehicle, } 1,944 \text{ vmt/yr} \\ &E = 0.93 \text{ lb PM10/vmt} - 2 \text{ ton vehicle, } 1,862 \text{ vmt/yr} \\ &[(0.93 \text{ lb PM10/vmt} * 259,200 \text{ vmt/yr}) + (1.98 \text{ lb PM10/vmt} * 13,866 \text{ vmt/yr}) + (1.69 \text{ lb PM10/vmt} * 1,944 \text{ vmt/yr}) + \\ &(0.34 \text{ lb PM10/vmt} * 1,862 \text{ vmt/yr})] / 2,000 \text{ lb/ton} = 135.83 \text{ tpy unpaved} \end{aligned}$$

using 95% control for water, speed limit controls:

$$135.83 \text{ tpy PM10} * (1-0.95) = 6.79 \text{ tpy PM10, paved}$$

Total roadway & parking emissions = paved + unpaved

$$7.38 \text{ tpy PM10} + 6.79 \text{ tpy PM10} = 14.17 \text{ tpy PM10}$$

**F. Miscellaneous Requirements**

1. None

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Facility ID: 0448040003 Emissions Unit ID: F005 Issuance type: Final State Permit To Operate

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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>
F005 - 750 tph aggregate processing plant: Mineral Extraction	OAC rule 3745-31-05(A)(3) (PTI 04-01014, issued June 12, 1996)	Emissions of fugitive particulate matter of 10 microns or less (PM10) shall not exceed 0.06 pound per hour and 0.26 ton per year.
	OAC rule 3745-17-07(B)	See Section A.2.a through A.2.c. Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the mineral extraction operations.
	OAC rule 3745-17-08(B)	See Section A.2.a.

2. **Additional Terms and Conditions**

- (a) The permittee shall employ best available control measures for the mineral extraction operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee has committed to perform the following control measures to ensure compliance:

mineral extraction operation - control measure(s)

drilling operations - use of a dust collector

blasting - minimize area to be blasted, prevention of overshooting during blasting

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

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.

The hourly particulate emission limitations specified above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to be maintained to demonstrate compliance with these limitations.

**B. Operational Restrictions**

1. None

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

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

mineral extraction operation - minimum inspection frequency

all - once per day of operation

2. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for the mineral extraction operations. The inspections shall be performed during representative, normal storage pile operating conditions.
3. The permittee may, upon receipt of written approval from the Toledo Division of Environmental Services, 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:
- the date and reason any required inspection was not performed;
  - the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
  - the dates the control measure(s) was (were) implemented; and
  - 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 mineral extraction 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:
- each day during which an inspection was not performed by the required frequency; and
  - each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

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 limitations in section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:  
Emission Limitation:

PM10 shall not exceed 0.06 pounds per hour for all mineral extraction operations.

Applicable Compliance Method:

This emission limitation was based on a one time emissions calculation utilizing the maximum annual throughput rate (750 tph) and the emissions factor calculated by AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 11.19.2-2 (dated 8/04) as follows:

$E = 8.0E-5 \text{ lbs/ton} * 750 \text{ tons/hr}$

$E = 0.06 \text{ lb/hr}$

Emission Limitation:

PM10 shall not exceed 0.26 ton per year.

Applicable Compliance Method:

The 0.26 tpy emission limitation was developed by multiplying the 0.06 lb/hr emission rate by a maximum operating schedule of 8,760 hours/year and dividing by 2,000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the mineral extraction operations.

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

**F. Miscellaneous Requirements**

1. None