

Facility ID: 0773010072 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 0773010072 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>
ready mix concrete batch plant: weigh hopper loading and mix truck loading	OAC rule 3745-31-05(A)(3) (PTI 07-467)	Particulate emissions shall not exceed 2.1 lbs/hr and 9.4 tpy.
	OAC rule 3745-17-11(B)	No visible particulate emissions of fugitive dust. The requirements of this rule are less stringent than the requirements of OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) The moisture content of the aggregate shall be sufficient to eliminate visible particulate emissions of fugitive dust.  
A charging boot shall be used around the hopper choke-feed discharge area and transit-mix truck opening; the charging boot shall have a collection efficiency sufficient to eliminate visible emissions of fugitive dust at the point of capture to the extent possible with good engineering design.

**B. Operational Restrictions**

1. None

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

1. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from weigh hopper loading and truck loading serving this emissions unit. No inspections are required on days the material handling operations are not in operation. The presence or absence of any visible emissions shall be noted in an operations log. If visible particulate emissions are observed, the permittee shall also note the following in the operations log:
  - a. whether the emissions are representative of normal operations;
  - b. if the emissions are not representative of normal operations, the cause of the visible emissions;
  - c. the total duration of any visible emission incident; and
  - d. any corrective actions taken to eliminate the visible emissions.

The information above shall be kept separately for each weigh hopper and truck loading serving this emissions unit.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports on a quarterly basis which note the following:
  - a. identify all days during which any abnormal visible particulate emissions were observed from the weigh hopper and mix truck loading;
  - b. describe any corrective actions taken to eliminate the abnormal visible particulate emissions;

These reports shall be submitted to the Portsmouth Local Air Agency by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a statement to that effect.

**E. Testing Requirements**

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

Particulate emissions shall not exceed 2.1 lbs/hr.

Applicable Compliance Method:

Compliance shall be demonstrated by calculating the sum of the following:

- i. multiply the hourly rate of sand and aggregate weigh hopper loading in tons/hour times the emission factor of 0.02 pounds/ton times the 0.30 control factor for partial enclosure.
- ii. multiply the hourly rate of cement weigh hopper loading in tons/hour times the emission factor of 0.02 pounds/ton times the 0.30 control factor for partial enclosure.
- iii. multiply the hourly rate of mix truck loading in tons/hour times the emission factor of 0.02 pounds/ton times the 0.30 control factor for partial enclosure.

The particulate emission factors were obtained from AP-42, Volume 1, 5th edition, Section 11.12, Table 11.12-2 dated 1/95. The control efficiencies were obtained from RACM Table 2.1.3-3, dated 10/80.

Emission Limitation:

Particulate emissions shall not exceed 9.4 tpy.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the allowable hourly emission limitation by 8,760 hours per year and dividing by 2,000 pounds per ton. Compliance with the ton per year emission limitation shall be assumed provided compliance with the hourly emission limitation is maintained.

Emission Limitation:

No visible particulate emissions of fugitive dust.

Applicable Compliance Method:

If required, compliance shall be demonstrated by in accordance with the requirements specified in 40 CFR Part 60, Appendix A, Method 22 and the procedures and methods required in OAC rule 3745-17-03(B)(4).

**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>
cement silo loading with a fabric filter	OAC rule 3745-31-05(A)(3) (PTI 07-467)	Particulate Matter/Particulate Matter less than ten microns (PM/PM10) emissions shall not exceed 0.030 grains per dry standard cubic foot g(r/dscf), 0.4 pound per hour (lb/hr), and 1.8 ons per year (tpy).

		No visible particulate emissions from the fabric filter outlet.
	OAC rule 3745-17-07(A)	The emission limitation based on this rule is less stringent than the limit established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	The emission limitation based on this rule is less stringent than the limit established pursuant to OAC rule 3745-31-05(A)(3).
sand and aggregate silo loading	OAC rule 3745-31-05(A)(3) (PTI 07-467)	Fugitive PM/PM10 emissions shall not exceed 2.2 lbs/hr and 9.4 tpy.
		No visible particulate emissions of fugitive dust.

2. **Additional Terms and Conditions**

- (a) The permittee shall employ the following best available control measures for the above-identified cement and cement supplement silos for the purpose of ensuring compliance with the above-mentioned applicable requirements:
  - i. Cement and cement supplement shall be transferred pneumatically to the cement and cement supplement silos. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of cement and/or cement supplement dust emanating from the delivery vehicle during transfer shall be cause for the immediate halt of the unloading process and the refusal of the cement and/or cement supplement load until the situation is corrected.
  - ii. Each cement and cement supplement silo vent shall be adequately enclosed and vented to a fabric filter. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust at the point of capture.  
The aggregate and sand to be loaded onto the conveyors shall have a moisture content sufficient to eliminate at all times visible emissions of dust.

B. **Operational Restrictions**

- 1. None

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

- 1. The permittee shall perform weekly checks, when the emissions unit is in operation, and when the weather conditions allow, for any visible particulate emissions from the fabric filters serving this emissions unit. No inspections are required on days the material handling operations are not in operation. The presence or absence of any visible particulate emissions shall be recorded electronically or in an operations log. If visible particulate emissions are observed, the permittee shall also note the following in the operations log:
  - a. the total duration of any visible emission incident; and
  - b. any corrective actions taken to eliminate the visible emissions.

The information above shall be kept separately for each fabric filter serving this emissions unit.

D. **Reporting Requirements**

- 1. The permittee shall submit quarterly deviation (excursion) reports which note the following:
  - a. identify all days during which any visible particulate emissions were observed from any fabric filter serving this emissions unit; and
  - b. describe any corrective actions taken to eliminate the visible particulate emissions.

These reports shall be submitted to the Portsmouth Local Air Agency by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a statement to that effect.

E. **Testing Requirements**

- 1. Compliance with the emissions limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:

PM/PM10 emissions shall not exceed 0.030 gr/dscf, 0.4 lb/hr, and 1.8 tpy.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance by with the 0.030 gr/dscf limit by emission testing in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

The lb/hr emissions limit was determined by multiplying the hourly rate of cement silo loading in tons/hour times the emission factor of 0.27 pounds/ton times the 0.05 control factor for the fabric filter. The particulate emission factors were obtained from AP-42, Volume 1, 5th edition, Section 11.12, Table 11.12-2 dated 1/95. The control efficiencies were obtained from RACM Table 2.1.3-3, dated 10/80.

The tpy limit was determined by multiplying the allowable hourly emission limitation by 8,760 hours per year and dividing by 2,000 pounds per ton.

Emission Limitation:

Fugitive PM/PM10 emissions shall not exceed 2.2 lbs/hr and 9.4 tpy.

Applicable Compliance Method:

The lb/hr emission limit was determined by multiplying the hourly rate of sand and aggregate transfer to elevated storage bins in tons/hour times the emission factor of 0.029 pounds/ton times the 0.50 control factor for moisture content. The particulate emission factors were obtained from AP-42, Volume 1, 5th edition, Section 11.12, Table 11.12-2 dated 1/95. The control efficiencies were obtained from RACM Table 2.1.3-3, dated 10/80.

The tpy limit was determined by multiplying the allowable hourly emission limitation by 8,760 hours per year and dividing by 2,000 pounds per ton.  
Emission Limitation:

No visible particulate emissions of fugitive dust.

Applicable Compliance Method:

If required, compliance with the visible emission limitation identified above shall be determined in accordance with Test Method 22 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, 1997.

Emission Limitation:

No visible particulate emissions from the fabric filter outlet.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Method 22 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, 1997.

F. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0773010072 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>
Sand and Aggregate Storage piles including load-in and load-out of storage piles and wind erosion from storage piles	OAC rule 3745-31-05(A)(3) (PTI 07-467)	No visible particulate emissions except for a period of time not to exceed one minute during any 60-minute observation period.  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.a, through A.2.f)  Particulate (PM/PM10) emissions shall not exceed 1.0 ton per year.

2. **Additional Terms and Conditions**

- (a) 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 watering at sufficient treatment frequencies 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 watering, as needed 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.

**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 sand and aggregate weekly

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 sand and aggregate weekly

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 sand and aggregate weekly

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:

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 6.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 quarterly 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.

These reports shall be submitted to the Portsmouth Local Air Agency by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a statement to that effect.

**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:

No visible particulate emissions except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance 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:

Particulate (PM/PM10) emissions shall not exceed 1.0 ton per year.

Applicable Compliance Method:

Compliance shall be demonstrated by using the emissions factor equations in Section 13.2.4 and 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95) for load-in, load-out and wind erosion. Should further updates in AP-42 occur, the most current equations for paved roadways shall be used. A 95% control efficiency shall be used.

**F. Miscellaneous Requirements**

1. None

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Facility ID: 0773010072 Emissions Unit ID: F004 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>
Paved roadways and parking areas	OAC rule 3745-31-05(A)(3) (PTI 07-467)	No visible particulate emissions except for a period of time not to exceed one minute during any 60-minute observation period.  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.a through A.2.e)  Particulate (PM/PM10) emissions shall not exceed 34.2 tons per year.

**2. Additional Terms and Conditions**

- (a) 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 watering 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 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.

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.

**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 for the roadways in accordance with the following frequencies:

paved roadways and parking areas minimum inspection frequency

all paved roadways and parking areas weekly

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspection 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 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 where snow and/or ice cover or precipitation were sufficient to not require the control measures.

**D. Reporting Requirements**

1. The permittee shall submit quarterly 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.

These reports shall be submitted to the Portsmouth Local Air Agency by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a statement to that effect.

**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:

No visible particulate emissions except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance 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:

PM/PM10 emissions shall not exceed 34.2 tons per year.

Applicable Compliance Method:

Compliance shall be demonstrated by using the emissions factor equations in Section 13.2.1, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for paved roadways. Should further updates in AP-42 occur, the most current equations for paved roadways shall be used. A 95% control efficiency shall be used.

**F. Miscellaneous Requirements**

1. None