



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
LUCAS COUNTY**

CERTIFIED MAIL

Street Address:

50 West Town Street, Suite 700

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 04-00880

Fac ID: 0448041059

DATE: 1/4/2007

All Ohio Ready Mix - Plant 480
Peter Thomas
7901 Sylvania Ave
Sylvania, OH 43650

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

TDES



**Permit To Install
Terms and Conditions**

**Issue Date: 1/4/2007
Effective Date: 1/4/2007**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 04-00880

Application Number: 04-00880
Facility ID: 0448041059
Permit Fee: **\$100**
Name of Facility: All Ohio Ready Mix - Plant 480
Person to Contact: Peter Thomas
Address: 7901 Sylvania Ave
Sylvania, OH 43650

Location of proposed air contaminant source(s) [emissions unit(s)]:
**7901 Sylvania Avenue
Sylvania, Ohio**

Description of proposed emissions unit(s):
All Ohio Ready Mix Plant 480

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Laura Powell
Acting Director

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Facility ID: 044804105

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

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the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

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The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
TSP	11.50 (unchanged)

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

- The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment - (P901) - Modify Facility ID for Concrete Batching Plant

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
All Ohio Ready Mix Plant 480	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 11.50 tons per year.
Truck Loading	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.12 pound per hour or 0.53 ton per year.
	Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average.
	See Sections II.A.2.a. and 2.b.
OAC rule 3745-17-07(B)(1)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
Transfer to Elevated Bins	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.84 pound per hour or 3.7 tons per year.
	Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average.
	See Sections II.A.2.a and 2.b.
OAC rule 3745-17-07(B)(1)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
Weigh Hopper Loading	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.007 pound per hour or 0.03 ton per year.
	No visible emissions of fugitive dust from the fabric filters during weigh hopper loading.
	See Sections II.A.2.a and 2.b.

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OAC rule 3745-17-07(B)(1)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
Silo Vents and Cement Unloading	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) from the cement unloading shall not exceed 0.24 pound per hour or 1.05 tons per year.
	The emissions of Total Suspended Particulate (TSP) from the silo vents shall not exceed 0.05 pound per hour or 0.21 ton per year.
	No visible emissions of fugitive dust from any silo vents and during cement unloading.
	See Sections II.A.2.a and 2.b.
OAC rule 3745-17-07(B)(1)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
Storage Piles	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.06 pound per hour or 0.25 ton per year from wind erosion.
	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.05 pound per hour or 0.20 ton per year from load-in operations.
	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.4 pound per hour or 1.75 tons per year from load-out operations.
	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.
	See Sections II.A.2.a and 2.b.
OAC rule 3745-17-07(B)(6)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3), (B)(6), (B)(7)	See Section II.A.2.c.
Plant Roadways and Parking Areas	
OAC rule 3745-31-05(A)(3)	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.001 pound per hour or 2.1 tons per year from unpaved roadways and parking areas.

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	The emissions of Total Suspended Particulate (TSP) shall not exceed 0.001 pound per hour or 1.65 tons per year from paved roadways and parking areas.
	There shall be no visible emissions of fugitive dust from any unpaved roadway or parking area except for a period of time not to exceed three minutes in any 60-minute observation period.
	There shall be no visible emissions of fugitive dust from any paved roadway or parking area except for a period of time not to exceed one minute in any 60-minute observation period.
	See Sections II.A.2.a and 2.b.
OAC rule 3745-17-07(B)(4), (B)(5)	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(2), (B)(7), (B)(8), (B)(9)	See Section II.A.2.c.

2. Additional Terms and Conditions

- 2.a** The permittee shall employ the following best available control measures for each process for the purpose of ensuring compliance with the above-mentioned applicable requirements:

Control of Fugitive Dust from Plant Roadways and Parking Areas

The permittee shall treat the roadways and parking areas with water, or a chemical dust suppressant in order to minimize or eliminate at all times visible emissions of fugitive dust generated by vehicular traffic. Frequency of application shall be as needed. This term and conditions shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the source owner's property and deposited onto the city streets by the vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly in such manner so as to minimize or prevent resuspension.

A maximum speed limit of five (5) miles per hour for unpaved roadways and ten (10) mph for paved roadways, shall be posted and enforce on the property.

Open bodied vehicles transporting materials likely to become airborne shall be

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covered at all times.

Visible Emission Limitations for Roadways and Parking Areas

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

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

These control systems shall be sufficient to minimize or eliminate visible emissions of fugitive dust from this emissions unit. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

Weigh Hopper Loading of Cement, Sand and Aggregate

The permittee shall adequately enclose the weigh hopper. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust. There shall be no visible emissions from the weigh-hopper.

The aggregate and sand to be loaded into the weigh-hopper and the conveyor shall have a moisture content sufficient so as to minimize or eliminate at all times visible emissions of fugitive dust. The transfer conveyor discharge shall be enclosed and vented to the 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 fabric filter shall achieve an outlet emission rate of not greater than 0.030 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emission from the outlet, whichever is less stringent.

Cement Transferring and Storage

The permittee shall pneumatically transfer the cement to storage. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emissions of cement emanation from the delivery vehicle shall be cause for the immediate halt of the unloading process and the refusal of the cement load until the situation is corrected.

The cement silo vent shall be adequately enclosed and vented to a fabric filter.

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The enclosure shall be sufficient so as to minimize at all times visible emissions of fugitive dust at the points of capture. The fabric filter shall achieve an outlet emissions rate of not greater than 0.030 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is greater.

These control systems shall be operated at all times during cement unloading and these controls shall be sufficient to minimize or eliminate visible emissions of fugitive dust from this emissions unit. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.b** 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.
- 2.c** 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

None

C. Monitoring and/or Recordkeeping 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 (location and) 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;

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- d. the total duration of any abnormal visible emission incident; and
- e. any corrective actions taken to eliminate the abnormal visible emissions.

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

2. 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 each sand and/or aggregate transfer point 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. the (location and) 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 abnormal visible emission incident; and
 - e. any corrective actions taken to eliminate the abnormal visible emissions.

The information above shall be kept separately for each sand and/or aggregate transfer point and truck loading serving this emissions unit.

3. The above-mentioned inspections shall be performed during representative, normal operating conditions.
4. 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.
5. 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 measures;
 - c. the dates the control measures were implemented; and

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- d. on a calendar quarter basis, the total number of days the control measures were implemented.

The information in 5.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 quarterly deviation (excursion) reports which note the following:
 - a. identify all days during which any abnormal visible fugitive particulate emissions were observed from each sand and/or aggregate transfer point and truck loading serving this emissions unit;
 - b. describe any corrective actions taken to eliminate the abnormal visible fugitive particulate emissions;
 - c. identify all days during which any visible particulate emissions were observed from any fabric filter serving this emissions unit; and
 - d. describe any corrective actions taken to eliminate the visible particulate emissions.

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:
 - a. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average for all truck loading operations.

Applicable Compliance Method:

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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) and (B)(4)(b) of OAC rule 3745-17-03.

b. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average during the transfer of material to elevated bins.

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) and (B)(4)(b) of OAC rule 3745-17-03.

c. Emission Limitation:

No visible emissions from the fabric filters on the weigh hopper serving this emissions unit.

Applicable Compliance Method:

If required, compliance with the visible emission limitation for the fabric filters on the weigh hopper shall be determined in accordance with 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 and the procedures specified in OAC rule 3745-17-03(B)(4).

d. Emission Limitation:

No visible emissions during cement unloading operations and from the silo vents.

Applicable Compliance Method:

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If required, compliance with the visible emission limitation for the fabric filters on the weigh hopper shall be determined in accordance with 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 and the procedures specified in OAC rule 3745-17-03(B)(4).

e. 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 from all storage piles.

Applicable Compliance Method:

If required, compliance with the visible emission limitation for the 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.

f. 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 from all unpaved plant roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the emission limitation for unpaved 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.

g. Emission Limitation:

There shall be no visible emissions of fugitive dust except for a period of time

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not to exceed one minute in any 60-minute observation period from all paved roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the visible emission limitation for the paved 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.

h. Emission Limitation:

The emissions of Total Suspended Particulate (TSP) shall not exceed 0.12 pound per hour for truck loading operations.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum throughput. If required, compliance with TSP emissions shall be determined through calculations performed as follows: multiply the emission factor for truck loading operations in AP-42, Chapter 11.12 (revised 6/06) by the maximum throughput.

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i. Emission Limitation:

The emissions of TSP shall not exceed 0.53 ton per year for truck loading operations.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. If required, compliance shall be determined through calculations performed as follows: multiply the hourly allowable emissions rate (0.12 lb/hr TSP) by the 8,760 hours of operation and divide by 2,000 pounds per ton.

j. Emission Limitation:

The emissions of TSP shall not exceed 0.84 pound per hour during material transfer to elevated bins.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum throughput. If required, compliance with TSP emissions shall be determined through calculations performed as follows: multiply the emission factor for material transfer to elevated bins in AP-42, Chapter 11.12 (revised 6/06) by the maximum throughput.

k. Emission Limitation:

The emissions of TSP shall not exceed 3.7 tons per year during material transfer to elevated bins.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. If required, compliance shall be determined through calculations performed as follows: multiply the hourly allowable emissions rate (0.84 lb/hr TSP) by the 8,760 hours of operation and divide by 2,000 pounds per ton.

l. Emission Limitation:

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The emissions of TSP shall not exceed 0.007 pound per hour for weigh hopper loading.

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Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum throughput. If required, compliance with TSP emissions shall be determined through calculations performed as follows: multiply the emission factor for weigh hopper loading in AP-42, Chapter 11.12 (revised 6/06) by the maximum throughput.

m. Emission Limitation:

The emissions of TSP shall not exceed 0.03 ton per year for weigh hopper loading.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. If required, compliance shall be determined through calculations performed as follows: multiply the hourly allowable emissions rate (0.007 lb/hr TSP) by the 8,760 hours of operation and divide by 2,000 pounds per ton.

n. Emission Limitation:

The emissions of TSP shall not exceed 0.24 pound per hour for cement unloading operations.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum throughput. If required, compliance with TSP emissions shall be determined through calculations performed as follows: multiply the emission factor for cement unloading in AP-42, Chapter 11.12 (revised 6/06) by the maximum throughput.

o. Emission Limitation:

The emissions of TSP shall not exceed 1.05 tons per year for cement unloading operations.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. If required, compliance shall be determined through calculations performed as follows: multiply the hourly allowable emissions rate (0.24 lb/hr TSP) by the 8,760 hours of operation and divide by 2,000 pounds per ton.

p. Emission Limitation:

The emissions of TSP shall not exceed 0.05 pound per hour for silo vents.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum throughput. If required, compliance with TSP emissions shall be determined through calculations performed as follows: multiply the emission factor for storage silos in AP-42, Chapter 11.12 (revised 6/06) by the maximum throughput.

q. Emission Limitation:

The emissions of TSP shall not exceed 0.21 ton per year for silo vents.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. If required, compliance shall be determined through calculations performed as follows: multiply the hourly allowable emissions rate (0.05 lb/hr TSP) by the 8,760 hours of operation and divide by 2,000 pounds per ton.

r. Emission Limitation:

The emissions of TSP shall not exceed 0.06 pound per hour for wind erosion from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for wind

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erosion. This emission limit was based on a maximum production of 25,000 tons per year and a 95 % overall control efficiency for TSP.

s. Emission Limitation:

The emissions of TSP shall not exceed 0.25 ton per year for wind erosion from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for wind erosion. This emission limit was based on a maximum production of 25,000 tons per year and a 95 % overall control efficiency for TSP.

t. Emission Limitation:

The emissions of TSP shall not exceed 0.05 pound per hour for load-in operations from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-in operations. This emission limit was based on a maximum production of 25,000 tons per year and a 95% overall control efficiency for TSP.

u. Emission Limitation:

The emissions of TSP shall not exceed 0.20 ton per year for load-in operations from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-in operations. This emission limit was based on a maximum production of 25,000

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tons per year and a 95% overall control efficiency for TSP.

v. Emission Limitation:

The emissions of TSP shall not exceed 0.4 pound per hour for load-out operations from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-out operations. This emission limit was based on a maximum production of 25,000 tons per year and a 95% overall control efficiency for TSP.

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w. Emission Limitation:

The emissions of TSP shall not exceed 1.75 tons per year for load-out operations from all storage piles.

Applicable Compliance Method:

Compliance with fugitive TSP limitations shall be determined by using the emission factor equations in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-out operations. This emission limit was based on a maximum production of 25,000 tons per year and a 95% overall control efficiency for TSP.

x. Emission Limitation:

The emissions of TSP shall not exceed 0.001 pound per hour all unpaved plant roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the fugitive TSP limitation shall be determined by using the emission factor equations in Section 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for unpaved roadways.

This emission limit was based on a maximum of 2,500 vehicle miles traveled per year, and a 95% control efficiency for TSP.

y. Emission Limitation:

The emissions of TSP shall not exceed 2.1 tons per year for all unpaved plant roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the fugitive TSP limitation shall be determined by using the emission factor equations in Section 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for unpaved roadways.

This emission limit was based on a maximum of 2,500 vehicle miles traveled per

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year, and a 95% control efficiency for TSP.

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z. Emission Limitation:

The emissions of TSP shall not exceed 0.001 pound per hour for all paved plant roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the fugitive TSP limitation shall be determined by using the emission 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.

This emission limit was based on a maximum of 2,500 vehicle miles traveled per year, and a 95% control efficiency for TSP.

aa. Emission Limitation:

The emissions of TSP shall not exceed 1.65 tons per year for all paved plant roadways and parking areas.

Applicable Compliance Method:

If required, compliance with the fugitive TSP limitation shall be determined by using the emission 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.

This emission limit was based on a maximum of 2,500 vehicle miles traveled per year, and a 95% control efficiency for TSP.

F. Miscellaneous Requirements

None