State of Ohio Environmental Protection Agency

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

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: 04-01007
Fac ID: 0448970004
DATE: 6/14/2007

All Ohio Ready Mix - Portable Plant 482
Peter Thomas
7901 Sylvania Ave
Sylvania, OH 43560

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

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

CC: **USEPA** **TDES**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install **Issue Date: 6/14/2007**
Terms and Conditions **Effective Date: 6/14/2007**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 04-01007

Application Number:	04-01007
Facility ID:	0448970004
Permit Fee:	**$0**
Name of Facility:	All Ohio Ready Mix - Portable Plant 482
Person to Contact:	Peter Thomas
Address:	7901 Sylvania Ave Sylvania, OH 43560

Location of proposed air contaminant source(s) [emissions unit(s)]:
22095 Industrial Drive
Genoa, **Ohio**

Description of proposed emissions unit(s):
All Ohio Ready Mix Plant 482: 220 yd/hr portable concrete plant.

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

Chris Korleski
Director

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

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)

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.

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

Pollutant	Tons Per Year
PE	24.02 (20.50 increase)

Emissions Unit ID: **F001**

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. 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 -(F001) - All Ohio Ready Mix - Portable Plant 482: 220 yd per hour capacity: Storage Piles

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Wind Erosion from storage piles	
OAC rule 3745-31-05(A)(3)	The emissions Particulate () (PE) shall not exceed 0.33 pound per hour or 0.08 ton per year from wind erosion.
	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 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.
Load-in and Load-out of storage piles	
OAC rule 3745-31-05(A)(3)	The emissions of Particulate () (PE) shall not exceed 0.8 pound per hour or 0.29 ton per year from load-in operations.
	The emissions of Particulate () (PE) shall not exceed 2.5 pounds per hour or 0.89 ton per year from load-out operations.
	Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average.
	See Sections II.A.2.a and 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.

2. Additional Terms and Conditions

2.a The permittee shall employ the following best available control measures for all

storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements:

The permittee shall minimize the drop height of material being loaded onto or being removed from all storage piles. Sufficient moisture shall be maintained in the material to comply with the allowable visible emission requirements during load-in or load-out.

The storage piles shall be constructed with wind guards that extend above the maximum pile height. Periodic wetting of the piles shall take place so as to comply with the allowable visible emission requirements. 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.

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. 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:

   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 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:

   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.

3. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

   a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

      i. the portable emissions unit is equipped with the best available technology for such portable emissions unit;

      ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;

      iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

      iv. in the City of Toledo, Division of Environmental Services and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.

b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(E) are met:

   i. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   ii. the portable emissions unit is equipped with best available technology;

   iii. the portable emissions unit owner has identified the proposed site to Ohio EPA;

   iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

   v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;

   vi. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

   vii. the portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable emissions unit must file a " Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the City of Toledo, Division of Environmental Services, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation

of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

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:

      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 wind erosion 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.

   b. Emission Limitation:

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

      Applicable Compliance Method:

      If required, compliance with the emission limitation for load-in operations 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:

Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average for all loadout from piles.

Applicable Compliance Method:

If required, compliance with the emission limitation for load-out operations 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.

d. Emission Limitation:

PE shall not exceed 0.33 pound per hour for wind erosion from all storage piles.

Applicable Compliance Method:

This emission limitation was based on a one time emissions calculation using 70% control efficiency for a wind guard (1-0.7) for adequate moisture multiplied by a storage pile area of 7.5 acres multiplied by the emissions factor calculated by USEPA RACM Guide, Section 2.2.1, dated 9/80, as follows:

3.5 lb PE/acre-day * 7.5 acre * (1 day/24 hr) * (1-0.7) = 0.33 lb PE/hr

e. Emission Limitation:

PE shall not exceed 0.08 ton per year for wind erosion from all storage piles.

Applicable Compliance Method

This emission limitation was based on a one-time calculation performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr divided by 220 cu yd/hr divided by 2,000 lbs/ton multiplied by 0.33 lb PE/hr:

Allowable = ((100,000 cu yd/yr / 220 yd/hr)/2000 lb/t)*(0.33 lb PE/hr) = 0.08 tpy PE

f. Emission Limitation:

PE shall not exceed 0.8 pound per hour for load-in operations from all storage piles.

Applicable Compliance Method:

This emission limitation was based on a one time emissions calculation using 80% control efficiency for wet materials (1-0.8) multiplied by the hourly throughput rate (100 tons/hr sandy stone) multiplied by the emissions factor calculated by USEPA RACM Guide, Section 2.2.1, dated 9/80, as follows:

100 tons/hr (0.04 lb PE/ton) (1-0.8) = 0.8 lb PE/hr

g. Emission Limitation:

PE shall not exceed 0.29 ton per year for load-in operations from all storage piles.

Applicable Compliance Method

This emission limitation was based on a one-time calculation performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr multiplied by 1428 lb/cu yd multiplied by 80% control efficiency (1-0.8) divided by 2,000 lbs/ton multiplied by 0.04 lb PE/hr divided by 2,000 lbs/ton:

Allowable = (100,000 cu yd/yr * 1428 lb/cu yd)/2000 lb/ton (0.04 lb PE/ton) * (1-0.8)/2000 lb/ton = 0.29 tpy PE

h. Emission Limitation:

PE shall not exceed 2.5 pounds per hour for load-out operations from all storage piles.

Applicable Compliance Method:

This emission limitation was based on a one time emissions calculation using 50% control efficiency for wet materials (1-0.5) multiplied by the hourly throughput rate (100 tons/hr sandy stone) multiplied by the emissions factor calculated by USEPA RACM Guide, Section 2.2.1, dated 9/80, as follows:

100 tons/hr (0.05 lb PE/ton) (1-0.5) = 2.5 lb PE/hr

i. Emission Limitation:

PE shall not exceed 0.89 ton per year for load-out operations from all storage piles.

Applicable Compliance Method:

This emission limitation was based on a one-time calculation performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr multiplied by 1428 lb/cu yd multiplied by 50% control efficiency (1-0.5) divided by 2,000 lbs/ton multiplied by 0.05 lb PE/ton divided by 2,000 lbs/ton:

Allowable = (100,000 cu yd/yr * 1428 lb/cu yd)/2000 lb/ton (0.05 lb PE/ton) * (1-0.5)/2000 lb/ton = 0.89 tpy PE

F. Miscellaneous Requirements

None

Modification Issued: 6/14/2007

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. 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 -(F002) - All Ohio Ready Mix - Portable Plant 482: 220 yd per hour capacity: Plant Roadways and Parking Lots

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The emissions of Particulate () shall not exceed 0.01 pound per hour or 0.002 tons per year.
	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 II.A.2.a and b.
OAC rule 3745-17-07(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 all plant roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements:

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 other appropriate dust suppressant shall be used, and the material shall be applied by a water truck or equipment supplied by a contractor. The dust suppressant shall be applied to the unpaved surfaces as needed to comply with the allowable visible emission requirements. 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 water, etc., shall be promptly removed and disposed of properly to minimize resuspension.

A maximum speed limit of 5 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.

The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:

i. The date dust suppressant were applied to the unpaved surfaces;

ii. The portions of unpaved surfaces that were treated with dust suppressants;

iii. The type of suppressant used and amount; and

iv. The name of the equipment operator responsible for the application of the dust suppressants.

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.

2.b 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.

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. 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. 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.

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 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 3.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following

occurrences:

a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

3. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

i. the portable emissions unit is equipped with the best available technology for such portable emissions unit;

ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;

iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

iv. in the City of Toledo, Division of Environmental Services and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.

b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(E) are met:

i. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO

or registration status;

ii. the portable emissions unit is equipped with best available technology;

iii. the portable emissions unit owner has identified the proposed site to Ohio EPA;

iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;

vi. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

vii. the portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable emissions unit must file a " Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the City of Toledo, Division of Environmental Services, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

Emissions Unit ID: **F002**

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:

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

   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.

   b. Emission Limitation:

   PE shall not exceed 2.7 pounds per hour 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 (100,000 cuyd), 80% control efficiency for adequate moisture and the emissions factor calculated by AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2,2 as follows:

   $E = k\ (5.9)\ (s/12)\ (S/30)\ (W/3.0)^{0.7}\ (w/4)^{0.5}\ ((365-P)/365)$

   where:

   E = emissions factor in lb /vmt
   k, a & b = empirical constants, from Table 13.2.2-2
   k = 0.8 for PE
   a = 0.7 for PE
   b = 0.5

s = surface material silt content = 7 (Table 13.2.2-1)
S = mean vehicle speed, 5 mph
W = mean vehicle weight (tons) = 18 tons (for the concrete mix trucks)
w = mean number of wheels
P = 140 days per year with at least 0.01 in precipitation

$E = 0.8\ (5.9)(7/12)(5/30)(18/3.0)^{0.7}(30/4)^{0.5}((365-140)/365) = 2.7$ lb PE/vmt

therefore, uncontrolled emissions are calculated as:
(5 VMT/hr) * (2.7 lb PE/VMT) = 13.5 lb PE/hr

using 80% control for oiling, water, speed limit controls:

13.5 lb PE/hr * (1-0.8) = 2.7 lb PE/hr

c. Emission Limitation:

PE shall not exceed 0.7 ton 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 (100,000 cuyd) and the hourly emission factor calculated above:

2.7 lb PE/VMT * 2500 VMT/yr * (1-0.8) * (1 ton/2000 lb) = 0.7 ton PE/yr

F. Miscellaneous Requirements

None

Emissions Unit ID: **P902**

Modification Issued: 6/14/2007

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. 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 -(P902) - All Ohio Ready Mix - Portable Plant 482: 220 yd per hour capacity: concrete bins and silos

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Transfer of sand and aggregate to bins	
OAC rule 3745-31-05(A)(3)	The emissions of Particulate () (PE) shall not exceed 5.5 pounds per hour or 1.25 tons per year.
	See Sections II.A.2.a and b.
OAC rule 3745-17-07(B)(1)	Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average.
	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
Cement transfer to silos and silo vents	
OAC rule 3745-31-05(A)(3)	No emissions of PE from any transfer operations to the silos.
	No visible emissions of fugitive dust from any silo vents.
	The combined emissions of PE from material transfer to elevated bins and the silo vents shall not exceed 0.02 pound per hour or 0.004 ton per year.
	See Sections II.A.2.a and b.
OAC rule 3745-17-07(B)(1)	No visible emissions of fugitive dust from any transfer operations to the silos.
	See Section II.A.2.c.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.c.
OAC rule 3745-17-07(A)(1)	Visible emissions of fugitive dust shall not exceed 20% opacity as a six-minute average.

Emissions Unit ID: **P902**

2. Additional Terms and Conditions

2.a The permittee shall employ the following best available control measures for cement transfer operations to elevated bins, silos and silo vents for the purpose of ensuring compliance with the above-mentioned applicable requirements:

Silo Vents and Cement Unloading

The permittee shall maintain sufficient moisture in the sand and aggregate so as to comply with the visible emission requirements during transfer. Drop heights shall be minimized during loading of conveyors.

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

The cement silos vents shall be adequately enclosed and vented to a fabric filter. 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 0.30 grains of particualte 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, it is not necessary to establish monitoring, recordkeeping, and reporting requirements to ensure compliance with these emission 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 daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack and for any visible emissions of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the 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 visible emission incident; and
   e. any corrective actions taken to minimize or eliminate the visible emissions.

   If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.

3. 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

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

The information in 3.d shall be kept separately for each material handling operation identified above, and shall be updated in a calendar quarter basis within 30 days after the end of each calendar quarter.

4. The permittee shall record the number of yards of concrete production on an annual basis.

D. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the baghouse stack serving this emissions unit, (b) identify all days during which any visible fugitive particulate emissions were observed from the pneumatic conveying of cement or the transfer of sand and aggregate to the elevated bins, and (c) describe any corrective actions taken to minimize or eliminate the visible particulate and/or visible fugitive particulate emissions, and (c) describe any corrective actions taken to minimize or eliminate the visible particulate emissions and/or visible fugitive dust emissions. These reports shall be submitted to the City of Toledo, Division of Environmental Services and the appropriate field office (having jurisdiction over the new site) by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

   a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

      i. the portable emissions unit is equipped with the best available technology for such portable emissions unit;

      ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;

iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

iv. in the City of Toledo, Division of Environmental Services and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.

b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(E) are met:

i. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

ii. the portable emissions unit is equipped with best available technology;

iii. the portable emissions unit owner has identified the proposed site to Ohio EPA;

iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;

vi. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

vii. the portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the City of Toledo, Division of Environmental Services and the appropriate

field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable emissions unit must file a " Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the City of Toledo, Division of Environmental Services, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

3. The permittee shall submit deviation (excursion) reports that identify any exceedance of the maximum production rate in any calendar year. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit year-end summary reports by January 31 and each report shall cover the previous calendar year.

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 the transfer of sand and aggregate to bins.

      Applicable Compliance Method:

      Compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(3).

   b. Emission Limitation:

No visible emissions during the transfer of cement to the silos.

Applicable Compliance Method:

Compliance with the visible emission limitation for the transfer of cement to the silos 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.

c. Emission Limitation:

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

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:

PE shall not exceed 5.5 pounds per hour from the material transfer to elevated bins.

Applicable Compliance Method:

This emission limitation was based on calculations performed as follows: multiply the emission factor for aggregate transfer and sand transfer (AP-42 Table 11.12-2, dated 11/06 lists emission factors for the transfer of aggregate to elevated storage as 0.0069 lb PE/ton and for the transfer of sand to elevated storage as 0.0021 lb PE/ton) by the maximum throughput of 443 tons/hr adjusted for 1865 lb aggregate/cu yd concrete and 1428 lb sand/cu yd concrete multiplied by a 50% control efficiency (1-0.5) for wet material:

PTE (AGGREGATE) = [220 cu yd/hr * 1865 lb aggregate/cu yd concrete/2,000 lb/ton] * (0.0069 lb PE/ton) (1-0.5) = 0.71 lb PE/hr aggregate

PTE (SAND) = [220 cu yd/hr * 1428 lb sand/cu yd concrete/2,000 lb/ton] * (0.0021 lb PE/ton) (1-0.5) = 0.16 lb PE/hr sand

PTE (TOTAL) = 0.71 lb/hr + 0.16 lb/hr = 0.87 lb/hr

e. Emission Limitation:

PE shall not exceed 1.25 tons per year from the material transfer to elevated bins.

Applicable Compliance Method

This emission limitation was based on calculations performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr divided by 220 cu yd/hr adjusted for 1865 lb aggregate/cu yd concrete and 1428 lb sand/cu yd concrete divided by 2,000 lbs/ton multiplied by the AP-42 emission factor (aggregate 0.0069 lb/ton and sand 0.0021 lb/ton) divided by 2,000 lb/ton:

Allowable (Aggregate) = ((100,000 cu yd/yr * 1865 lb aggregate/cu yd concrete)/ 2000 lb/ton)(0.0069 lb PE/ton)/(2000 lb /t) = 0.32 tpy PE

Allowable (Sand) = ((100,000 cu yd/yr * 1428 lb sand/cu yd concrete)/ 2000 lb/ton)(0.0021 lb PE/ton)/(2000 lb /t) = 0.07 tpy PE

Allowable (Total) = 0.39 tpy PE

f. Emission Limitation:

PE shall not exceed 0.02 pound per hour from the combined total of pneumatic cement transfer and for silo vents.

Applicable Compliance Method:

This emission limitation was based on calculations performed as follows: multiply the emission factor for pneumatic cement transfer, which includes silo vent emissions(AP-42 Section 11.12-2, dated 11/06) as 0.00099 lb PE/ton multiplied by the maximum throughput of 443 tons/hr multiplied by a baghouse control efficiency of 99.9 (1-0.999):

PTE = 443 tons/hr * 0.00099 lb PE/ton * 1-0.999 = 0.00044 lb PE/hr

g. Emission Limitation:

PE shall not exceed 0.004 ton per year from the combined total of pneumatic cement transfer and for silo vents.

Applicable Compliance Method

This emission limitation was based on calculations performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr divided by 220 cu yd/hr divided by 2,000 lbs/ton multiplied by 0.02 lb PE/hr:

Allowable = (100,000 cu yd/yr * 4024 lb/cu yd)/ 2000 lb/ton) (0.00099 lb PE/ton)/(2000 lb /t) = 0.0001 tpy PE

h. Emission Limitation:

The fabric filter shall achieve an outlet emissions rate of not greater than 0.30 grains of particulate emission per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance 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). Alternate USEPA approved test methods may be used with prior approval from the Ohio EPA.

F. Miscellaneous Requirements

None

Emissions Unit ID: **P902**

Modification Issued: 6/14/2007

Modification Issued: 6/14/2007

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. 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 -(P903) - All Ohio Ready Mix - Portable Plant 482: 220 yd per hour capacity: Weight hopper loading and loading of transit mix trucks

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Weigh Hopper Loading	
OAC rule 3745-31-05(A)(3)	The emissions of Particulate () (PE) shall not exceed 1.76 pounds per hour or 0.4 ton per year.
	Visible emissions of fugitive dust shall not exceed 10% opacity as a three-minute average during sand and stone loading.
	No visible emissions of fugitive dust from the fabric filter during cement loading to the weigh hopper.
	See Section II.A.2.a.
OAC rule 3745-17-07(B)(1)	See Section II.A.2.b.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.b.
Loading of Transit Mix Trucks	
OAC rule 3745-31-05(A)(3)	PE shall not exceed 93.0 pounds per hour or 21.1 tons per year.
	Visible emissions of fugitive dust shall not exceed 20% opacity as a three-minute average for loading of transit mix trucks.
	See Section II.A.2.a.
OAC rule 3745-17-07(B)(1)	See Section II.A.2.b.
OAC rule 3745-17-08(B), (B)(3)	See Section II.A.2.b.

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:

The permittee shall adequately enclose the cement weigh hopper vent to a fabric filter. The enclosure shall be sufficient to eliminate, at all items, visible emissions of fugitive dust at the point of capture. The fabric filter shall achieve an outlet emission rate of not greater than 0.30 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.

The aggregate and sand to be loaded into the weight-hopper and conveyor shall have a moisture content sufficient so as to comply with the visible emission requirements.

Transit mix trucks shall be loaded using an adjustable chute and/or a flexible boot along with water spray during raw material loading. The equipment shall be operated so to comply with the visible emission requirements.

These control systems shall be operated at all times that trucks are being loaded 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 daily checks, when the emissions unit is in operation and

when the weather conditions allow, for any visible particulate emissions from the stack and for any visible emissions of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the 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 visible emission incident; and
e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.

3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or Local Air Agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

4. The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control 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.

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

5. The permittee shall record the number of yards of concrete production on an annual basis.

D. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the baghouse stack serving this emissions unit, (b) identify all days during which any visible fugitive particulate emissions were observed from the pneumatic conveying of cement or the transfer of sand and aggregate to the elevated bins, and (c) describe any corrective actions taken to minimize or eliminate the visible particulate and/or visible fugitive particulate emissions, and (c) describe any corrective actions taken to minimize or eliminate the visible particulate emissions and/or visible fugitive dust emissions. These reports shall be submitted to the City of Toledo, Division of Environmental Services and the appropriate field office (having jurisdiction over the new site) by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

   a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

      i. the portable emissions unit is equipped with the best available technology for such portable emissions unit;

      ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;

      iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

      iv. in the City of Toledo, Division of Environmental Services and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.

   b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(E) are

met:

i. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

ii. the portable emissions unit is equipped with best available technology;

iii. the portable emissions unit owner has identified the proposed site to Ohio EPA;

iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;

vi. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

vii. the portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable emissions unit must file a " Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the City of Toledo, Division of Environmental Services, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as

appropriate.

3. The permittee shall submit deviation (excursion) reports that identify any exceedance of the maximum production rate in any calendar year. Each report shall be submitted within 30 days after the deviation occurs.

4. The permittee shall submit year-end summary reports by January 31 and each report shall cover the previous calendar year.

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 10% opacity as a three-minute average for sand and stone loading into the weigh hopper.

      Applicable Compliance Method:

      If required, compliance with the visible emission limitation for sand and stone loading into the weigh hopper shall be determined through visible emission observations performed in accordance with 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(B)(3).

   b. 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).

   c. 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:

Emissions Unit ID: **P903**

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.

d. Emission Limitation:

PE shall not exceed 1.76 pounds per hour for weigh hopper loading.

Applicable Compliance Method:

This emission limitation was based on calculations performed as follows: multiply the emission factor for weigh hopper loading (AP-42 Section 11.12-2, dated 6/06) lists emission factors for weigh hopper loading as 0.0051 lb PE/ton) by the maximum throughput of 220 cu yd concrete/hr adjusted for 1865 lb aggregate/cu yd concrete and 1428 lb sand/cu yd concrete divided by 2,000 lb/ton multiplied by a baghouse control efficiency of 80% (1-0.8):

PTE (AGGREGATE) = [220 cu yd/hr * 1865 lb aggregate/cu yd concrete/2,000 lb/ton] * (0.0051 lb PE/ton) (1-0.8) = 0.21 lb PE/hr AGGREGATE

PTE (SAND) = [220 cu yd/hr * 1428 lb sand/cu yd concrete/2,000 lb/ton] * (0.0051 lb PE/ton) (1-0.8) = 0.16 lb PE/hr SAND

PTE (TOTAL) = 0.21 lb/hr + 0.16 lb/hr = 0.37 lb/hr

e. Emission Limitation:

PE shall not exceed 0.4 ton per year for weigh hopper loading.

Applicable Compliance Method

This emission limitation was based on calculations performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr adjusted for 1865 lb aggregate/cu yd concrete and 1428 lb sand/cu yd concrete divided by 2,000 lbs/ton multiplied by 0.0051 lb PE/ton multiplied by an 80% control efficiency (1-0.8):

*Allowable (Aggregate) = ((100,000 cu yd/yr * 1865 lb aggregate/cu yd concrete)/ 2000 lb/ton)(0.0051 lb PE/ton)/(2000 lb /t)) * (1-0.8) = 0.05 tpy PE*

*Allowable (Sand) = ((100,000 cu yd/yr * 1428 lb sand/cu yd concrete)/ 2000 lb/ton)(0.0051 lb PE/ton)/(2000 lb /t)) * (1-0.8) = 0.04 tpy PE*

Allowable (Total) = 0.05 tpy PE + 0.04 tpy PE = 0.09 tpy PE

f. Emission Limitation:

PE shall not exceed 93.0 pounds per hour for loading of transit mix trucks.

Applicable Compliance Method:

This emission limitation was based on calculations performed as follows: multiply the emission factor for loading of transit mix trucks (AP-42 Table 11.12, dated 10/01, 0.21 lb PE/ton) by the maximum throughput of 220 cuyd/hr:

220 cuyd/hr * 4024 lb/cuyd *1 ton/2000 lb * 0.21 lb PE/ton = 93.0 lb PE/hr

g. Emission Limitation:

PE shall not exceed 21.1 tons per year for loading of transit mix trucks.

Applicable Compliance Method

This emission limitation was based on calculations performed as follows: base the permit allowable emissions on the maximum annual production rate of 100,000 cu yd/yr divided by 220 cu yd/hr divided by 2,000 lbs/ton multiplied by 93.0 lb PE/hr:

Allowable = ((100,000 cu yd/yr / 220 yd/hr)/2000 lb/t)*(93.0 lb PE/hr) = 21.1 tpy PE

h. Emission Limitation:

Each fabric filter shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance 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).

F. Miscellaneous Requirements

None