



State of Ohio Environmental Protection Agency

STREET ADDRESS:

Lazarus Government Center  
50 W. Town St., Suite 700  
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184  
www.epa.state.oh.us

MAILING ADDRESS:

P.O. Box 1049  
Columbus, OH 43216-1049

7/8/2009

Patrick Montgomery  
Martin Marietta Aggregates - Fairfield  
4770 Duke Drive, Suite 200  
Mason, OH 45040

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 1409030125  
Permit Number: P0105069  
Permit Type: OAC Chapter 3745-31 Modification  
County: Butler

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate ("PTIO") which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, [www.epa.state.oh.us/dapc](http://www.epa.state.oh.us/dapc), from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of \$70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

If you have any questions regarding this permit, please contact the Hamilton County Dept. of Environmental Services. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page [www.epa.state.oh.us/dapc](http://www.epa.state.oh.us/dapc).

Sincerely,

*Michael W. Ahern*  
Michael W. Ahern, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: HCDOES

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director





**State of Ohio Environmental Protection Agency  
Division of Air Pollution Control**

**FINAL**

**Air Pollution Permit-to-Install and Operate  
for  
Martin Marietta Aggregates - Fairfield**

Facility ID: 1409030125  
Permit Number: P0105069  
Permit Type: OAC Chapter 3745-31 Modification  
Issued: 7/8/2009  
Effective: 7/8/2009  
Expiration: 4/24/2019





**Air Pollution Permit-to-Install and Operate**  
for  
Martin Marietta Aggregates - Fairfield

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Division of Air Pollution Control

**Final Permit-to-Install and Operate**  
**Permit Number:** P0105069  
**Facility ID:** 1409030125  
**Effective Date:** 7/8/2009

# Authorization

Facility ID: 1409030125  
Application Number(s): A0037816  
Permit Number: P0105069  
Permit Description: Modification to Aggregate Processing Plant for Installation of New Wash Screw, Dump Hopper, and Feed Conveyor  
Permit Type: OAC Chapter 3745-31 Modification  
Permit Fee: \$900.00  
Issue Date: 7/8/2009  
Effective Date: 7/8/2009  
Expiration Date: 4/24/2019  
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Martin Marietta Aggregates - Fairfield  
107 River Circle  
Fairfield, OH 45014

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Hamilton County Dept. of Environmental Services  
250 William Howard Taft Pkwy.  
Cincinnati, OH 45219-2660  
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski  
Director



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install and Operate**  
**Permit Number:** P0105069  
**Facility ID:** 1409030125  
**Effective Date:** 7/8/2009

## Authorization (continued)

Permit Number: P0105069  
Permit Description: Modification to Aggregate Processing Plant for Installation of New Wash Screw, Dump Hopper, and Feed Conveyor

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

<b>Emissions Unit ID:</b>	<b>F001</b>
Company Equipment ID:	Aggregate processing plant
Superseded Permit Number:	P0096697
General Permit Category and Type:	Not Applicable



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**Final Permit-to-Install and Operate**

**Permit Number:** P0105069

**Facility ID:** 1409030125

**Effective Date:** 7/8/2009

## **A. Standard Terms and Conditions**



**1. What does this permit-to-install and operate ("PTIO") allow me to do?**

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

**2. Who is responsible for complying with this permit?**

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

**3. What records must I keep under this permit?**

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

**4. What are my permit fees and when do I pay them?**

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

**5. When does my PTIO expire, and when do I need to submit my renewal application?**

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.



If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

**6. What happens to this permit if my project is delayed or I do not install or modify my source?**

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

**7. What reports must I submit under this permit?**

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

**8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?**

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

**9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?**

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



**10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?**

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Hamilton County Dept. of Environmental Services in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

**11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?**

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

**12. What happens if one or more emissions units operated under this permit is/are shut down permanently?**

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

**13. Can I transfer this permit to a new owner or operator?**

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install and Operate**

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change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

**14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?**

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

**15. What happens if a portion of this permit is determined to be invalid?**

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Final Permit-to-Install and Operate**

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## **B. Facility-Wide Terms and Conditions**



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - (1) None.
  - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (1) 2.
2. The following emissions units contained in this permit are subject to 40 CFR Part 60 New Source Performance Standards (NSPS), Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants: F001. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the Electronic Code of Federal regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.

The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO. The permittee shall also comply with all applicable requirements of 40 CFR Part 60, Subpart A (General Provisions) as identified in Table 1 of 40 CFR Part 60, Subpart OOO. Compliance with all applicable requirements shall be achieved by the dates set forth in 40 CFR Part 60, Subpart OOO, and Subpart A.



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**Final Permit-to-Install and Operate**

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## **C. Emissions Unit Terms and Conditions**



**1. F001, Aggregate processing plant**

**Operations, Property and/or Equipment Description:**

Aggregate Processing Plant including crushing, screening, and material handling

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - a. None.
  - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
  - (1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions (PE) shall not exceed 16.5 pounds per hour and 19.8 tons per year (TPY).</p> <p>Particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 5.6 pounds per hour and 6.7 tons per year (TPY).</p> <p>See c)(3).</p> <p>The requirements of this rule also include compliance with the requirements of 40 CFR Part 60 Subpart OOO, 40 CFR Part 60 Subpart A, OAC rule 3745-17-07(B), and OAC rule 3745-17-08(B).</p>
b.	OAC rule 3745-17-07(B)(1)	The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to 40 CFR Part 60, Subpart OOO, for affected



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		facilities within emission unit F001 as defined by this subpart. See b)(2)a.
c.	OAC rule 3745-17-08(B)	<p>The permittee shall utilize reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>See c)(1) and c)(2).</p>
d.	<p>40 CFR Part 60, Subpart OOO          [40 CFR 60.670 – 676]</p> <p>New Source Performance Standards for Nonmetallic Mineral Processing Plants</p> <p>[In accordance with 40 CFR 60.670(a), this emissions unit is comprised of crushers, screening operations, conveyors, and storage hoppers that are affected facilities subject to the emissions limitations/control measures specified in this section.]</p>	<p>Fugitive Particulate Emission Standards [40 CFR 60.672(b)]</p> <p>For affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008:</p> <p>Fugitive particulate emissions from screening operations, transfer points on belt conveyors, storage hoppers, and from any other affected facility as defined by this rule, shall not exceed 10 percent opacity, and</p> <p>Fugitive particulate emissions from any crusher at which a capture system is not used shall not exceed 15 percent opacity.</p> <p>For affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008:</p> <p>Fugitive particulate emissions from screening operations, transfer points on belt conveyors, storage hoppers, and from any other affected facility as defined by this rule, shall not exceed 7 percent opacity; and</p> <p>Fugitive particulate emissions from any crusher at which a capture system is not used shall not exceed 12 percent opacity.</p> <p>See b)(2)b., b)(2)c., d)(2), e)(1), and f)(1)b.</p>



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	40 CFR Part 60, Subpart A [40 CFR 60.1-19 and 40 CFR 60.670(f)]	Table 1 to Subpart OOO of 40 CFR Part 60 – Exceptions to Applicability of Subpart A to Subpart OOO shows which parts of the General Provisions in 40 CFR 60.1-19 apply with some exceptions.

(2) Additional Terms and Conditions

- a. For operations and equipment within emissions unit F001 that are not affected facilities as defined by 40 CFR Part 60, Subpart OOO, visible particulate emissions from fugitive dust shall not exceed 20 percent opacity as a three-minute average.
- b. Pursuant to 40 CFR 60.670(a)(2), the provisions of Subpart OOO do not apply to the wet material processing operations, as defined in 40 CFR 60.671, that are part of this emissions unit.
- c. Pursuant to 40 CFR 60.672(d), truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the fugitive particulate emission standards specified in b)(1)d. above.
- d. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by wet-mining the aggregate and the use of water sprays, as necessary, to keep the material moist to meet the opacity limitations and compliance with the emissions limitations.
- e. The hourly emission limitations outlined in b)(1)a. are based upon the emissions unit’s potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limitations.
- f. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

c) Operational Restrictions

- (1) Water sprays shall be operated at points necessary to ensure compliance with the visible fugitive emission limitations specified in b)(1)d. and b)(2)a. for crushing, transfer points, screening, and conveying operations.
- (2) Aggregate product loaded onto trucks shall have a moisture content sufficient to minimize visible emissions of fugitive dust and the loading drop height shall not exceed fifteen (15) feet.
- (3) The total amount of aggregate processed by emissions unit F001 shall not exceed 4,560,000 tons per year.



d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of aggregate processed in emissions unit F001.
- (2) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 60, Subpart OOO for affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008, including the following sections:

60.674(b)	Monthly periodic inspection of spray nozzles in the wet suppression system
60.674(b)(1)	Period inspections of upstream water spray nozzles for affected facilities that rely on water carryover
60.674(b)(2)	Record of control method(s) employed in lieu of wet suppression water sprays
60.676(b)(1)	Record of periodic inspections of wet suppression system

e) Reporting Requirements

- (1) The permittee shall submit notifications and reports to the Hamilton County Department of Environmental Services as required under 40 CFR Part 60, Subpart OOO, including the following sections:

60.670(d)(2) and 60.676(a)	Notification of equipment replacement
60.676(f)	Submission of all performance test results
60.676(g)	Notification of change to any wet material processing operation(s) prior to processing unsaturated materials
60.676(h) and 60.676(i)	Notifications of initial startup

- (2) The permittee shall notify Hamilton County Department of Environmental Services in writing prior to re-configuration of any aggregate processing and material handling equipment that will increase the maximum hourly production rate from that identified in the aggregate plant configuration drawing #AN-06PFD-004 contained in the application for Permit to Install and Operate (PTIO) No. P0105069, submitted June 17, 2009, for this emissions unit. This notification shall include information sufficient to determine if the proposed re-configuration will comply with the existing PTIO limitations. If the proposed



re-configuration will not comply with the existing PTIO limitations, the permittee shall not commence the re-configuration until a PTIO modification is issued.

- (3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (4) The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which specify the total PE and PM10 emissions from this emissions unit for the previous calendar year. These reports shall be submitted by February 15 of each year.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

- a. Emission Limitations:

16.5 lbs/hr and 19.8 TPY of PE; and

5.6 lbs/hr and 6.7 TPY of PM10.

Applicable Compliance Method:

Compliance with the pounds per hour and tons per year PE and PM10 emission limitations in b)(1)a. shall be demonstrated by calculations using the emission factors from US EPA AP-42 Fifth Edition, Table 11.19.2-2, dated 8/2004 and the permittee-supplied plant configuration drawing #AN-06PFD-004 contained in application for PTIO No. P0105069, as submitted on June 17, 2009, and actual production data from the record keeping requirements specified in d)(1).

- b. Emission Limitations:

Opacity limitations for fugitive particulate emissions pursuant to 40 CFR Part 60, Subpart OOO (see b)(1)d.)

Applicable Compliance Method:

The permittee shall conduct, or have conducted, fugitive visible particulate emission testing for emissions unit F001 in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving maximum production but no later than 180 days after initial startup. Upon approval from the appropriate Ohio EPA District Office or local air agency, if the initial performance test date for an affected facility falls during a seasonal shutdown, the permittee may postpone the initial performance test until no later than 60 calendar days after resuming operation.



- ii. For any affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008, that are not controlled by water sprays or subject to water carryover inspections, emissions testing shall be repeated within 5 years from the previous performance test as specified in Table 3 of 40 CFR Part 60, Subpart OOO.
- iii. Compliance with the opacity limits as specified in b)(1)d. of this permit shall be determined by using US EPA Reference Test Method 9 (40 CFR Part 60) and the procedures specified in 40 CFR 60.675(c). The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet). The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
- iv. For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
- v. The duration of the Method 9 observations must be 30 minutes (five 6-minute averages) as specified in 60.675(c)(3). Compliance with the applicable fugitive emission limits in b)(1)d. shall be based upon the average of the five 6-minute averages.
- vi. Alternative procedures for multiple emission points as specified in 60.675(e) may be used upon review and approval by the appropriate Ohio EPA District Office or local air agency.
- vii. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
- viii. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- ix. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



c. Emissions Limitation:

For operations and equipment within emissions unit F001 that are not affected facilities as defined by 40 CFR Part 60, Subpart OOO, visible particulate emissions from fugitive dust shall not exceed 20 percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with U.S. EPA Method 9, with the following modifications:

- i. the data reduction and average opacity calculation shall be based upon sets of twelve consecutive visible emission observations recorded at 15-second intervals;
- ii. opacity observations shall be made from a position that provides the observer a clear view of the emissions unit and the fugitive dust, with the sun behind the observer;
- iii. where possible, visible opacity observations shall be conducted at a position of at least fifteen feet from the source of emissions; and
- iv. the visible opacity observations shall be made for the point of highest opacity within the fugitive dust emitted from the source.

g) Miscellaneous Requirements

- (1) None.