



State of Ohio Environmental Protection Agency

STREET ADDRESS:

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

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www.epa.state.oh.us

MAILING ADDRESS:

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

1/14/2009

Albert Dudzik
Arch Materials, LLC
4438 State Route 276
Batavia, OH 45103

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1413000507
Permit Number: P0104012
Permit Type: Initial Installation
County: Clermont

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, 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.

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
Arch Materials, LLC**

Facility ID: 1413000507
Permit Number: P0104012
Permit Type: Initial Installation
Issued: 1/14/2009
Effective: 1/14/2009
Expiration: 11/28/2018



Air Pollution Permit-to-Install and Operate
for
Arch Materials, LLC

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Division of Air Pollution Control

Final Permit-to-Install and Operate
Permit Number: P0104012
Facility ID: 1413000507
Effective Date: 1/14/2009

Authorization

Facility ID: 1413000507
Application Number(s): A0036218
Permit Number: P0104012
Permit Description: This PTIO application has been submitted to account for the new installation of crushers, screeners and conveyors for Lime Processing Plant.
Permit Type: Initial Installation
Permit Fee: \$900.00
Issue Date: 1/14/2009
Effective Date: 1/14/2009
Expiration Date: 11/28/2018
Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

Arch Materials, LLC
4438 State Route 276
Batavia, OH 45103

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: P0104012
Facility ID: 1413000507
Effective Date: 1/14/2009

Authorization (continued)

Permit Number: P0104012
Permit Description: This PTIO application has been submitted to account for the new installation of crushers, screeners and conveyors for Lime Processing Plant.

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

Emissions Unit ID:	P001
Company Equipment ID:	Lime Plant
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104012

Facility ID: 1413000507

Effective Date: 1/14/2009

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

Permit Number: P0104012

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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.



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Final Permit-to-Install and Operate

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B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104012

Facility ID: 1413000507

Effective Date: 1/14/2009

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) None.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0104012

Facility ID: 1413000507

Effective Date: 1/14/2009

C. Emissions Unit Terms and Conditions



1. P001, Limestone Plant

Operations, Property and/or Equipment Description:

Limestone Processing Plant with Crushing, Screening and Conveying

- 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 24.36 pounds per hour and 27.30 tons per year.</p> <p>Particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 8.54 pounds per hour and 9.65 tons per year.</p> <p>The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart OOO.</p> <p>See c)(1)., c)(2)., and c)(3).</p>
b.	40 CFR Part 60 Subpart OOO	See b)(2)b., b)(2)c., and b)(2)(d).
c.	OAC rule 3745-17-07(B)	Exempt, Non-Appendix A area.
d.	OAC rule 3745-17-08(B)	Exempt, Non-Appendix A area.



(2) Additional Terms and Conditions

- a. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of water sprays, as necessary, during the crushing, screening and conveying of the lime extracted off the mine, to keep the material moist to meet opacity limitations and compliance with the emission limitations.
- b. Fugitive particulate emissions from any transfer point on belt conveyors and from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, shall not exceed 10 percent opacity, except as provided by rule 40 CFR 60.672.
- c. Fugitive particulate emissions from any crusher shall not exceed 15 percent opacity.
- d. Fugitive particulate emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin shall not exceed 0 percent opacity.
- e. The hourly emission limitations outlined in b)(1) 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) The maximum annual production rate for emissions unit P001 shall not exceed 2,500,000 tons per year.
- (2) Water sprays shall be operated at points necessary to ensure compliance with the visible emission limitations specified in b)(2)b., b)(2)c., and b)(2)d. for crushing, transfer points, screening, and conveying operations.
- (3) Material 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.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of material (limestone) processed in the emissions unit P001.

e) Reporting Requirements

- (1) 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.

- (2) A screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to 40 CFR 60.672(h) and subsequently processes unsaturated material shall submit a report of this change within 30 days following such change to the Hamilton County Department of Environmental Services. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in 40 CFR 60.672(b) and the emission test requirements of 40 CFR 60.11 and 60.675. A screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in 40 CFR 60.672(h).
- (3) 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 permit application submitted October 22, 2008 for this emissions unit. This notification shall include information sufficient to determine if the proposed re-configuration will comply with the existing permit to install limitations. If the proposed re-configuration will not comply with the existing permit to install limitations, the permittee shall not commence the re-configuration until a permit to install modification is issued.
- (4) Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:
 - a. construction date (no later than 30 days after such date);
 - b. actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and
 - c. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Hamilton County Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219

- (5) The permittee shall submit written reports of the results of all performance tests conducted to demonstrate initial compliance with the standards in 40 CFR 60.672 of Subpart OOO, including reports of observations using US EPA Method 9 to demonstrate compliance with b)(2)b., b)(2)c., and b)(2)d). of this permit. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).
- (6) The permittee shall notify Hamilton County Department of Environmental Services in writing prior to the replacement of any existing aggregate processing and material handling equipment of equal or smaller size subject to the requirements of 40 CFR Part



60.670(d). The notification shall include the equipment-specific design and capacity information required in 60.676(a).

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

Particulate emissions (PE) shall not exceed 24.36 pounds per hour and particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 8.54 pounds per hour.

Applicable Compliance Method:

Hourly emissions of PE and PM-10 shall be calculated and compliance determined using the following equations:

$$\text{Pounds per hour PE} = n_1A_1B_1 + n_2A_2B_2 + n_3A_3B_3$$

$$\text{Pounds per hour PM-10} = (n_1a_1B_1 + n_2a_2B_2 + n_3a_3B_3)$$

where:

n_1 = number of Conveyor Transfer Points (36)

A_1 = PE emission factor of 0.00014 pounds per ton for Conveyor Transfer Point (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

a_1 = PM-10 emission factor of 0.000046 pounds per ton for Conveyor Transfer Point (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

B_1 = maximum hourly rated capacity of the largest Conveyor (1500 tons per hour).

n_2 = number of Crushers (3)

A_2 = PE emission factor of 0.0012 pounds per ton for Tertiary Crushing (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

a_2 = PM-10 emission factor of 0.00054 pounds per ton for Tertiary Crushing (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

B_2 = maximum hourly rated capacity of the largest Crusher (1000 tons per hour).

n_3 = number of Screeners (6)



- A₃ = PE emission factor of 0.0022 pounds per ton for Screening (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).
- a₃ = PM-10 emission factor of 0.00074 pounds per ton for Screening (controlled) as established in AP-42; Table 11.19.2-2 (August 2004)
- B₃ = maximum hourly rated capacity of the largest Screener (1000 tons per hour).

b. Emission Limitations:

Particulate emissions (PE) shall not exceed 27.30 tons per year and Particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 9.65 tons per year.

Applicable Compliance Method:

Annual emissions of PE and PM-10 shall be calculated and compliance determined using the following equations:

$$\text{Tons per year PE} = (n_1A_1P + n_2A_2P + n_3A_3P)/2000$$

$$\text{Tons per year PM-10} = (n_1a_1P + n_2a_2P + n_3a_3P)/2000$$

where:

n₁ = number of Conveyor Transfer Points (36)

A₁ = PE emission factor of 0.00014 pounds per ton for Conveyor Transfer Point (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

a₁ = PM-10 emission factor of 0.000046 pounds per ton for Conveyor Transfer Point (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

n₂ = number of Crushers (3)

A₂ = PE emission factor of 0.0012 pounds per ton for Tertiary Crushing (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

a₂ = PM-10 emission factor of 0.00054 pounds per ton for Tertiary Crushing (controlled) as established in AP-42; Table 11.19.2-2 (August 2004).

n₃ = number of Screeners (6)

A₃ = PE emission factor of 0.0022 pounds per ton for Screening (controlled) as established in AP-42; Table 11.19.2-2 (August 2004)



a_3 = PM-10 emission factor of 0.00074 pounds per ton for Screening (controlled) as established in AP-42; Table 11.19.2-2 (August 2004)

P = maximum annual limestone production at the facility (2,500,000 tons per year)

c. Emission Limitation:

Fugitive particulate emissions from any crusher shall not exceed 15 percent opacity.

Applicable Compliance Method:

Compliance shall be demonstrated using Method 9 of 40 CFR Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO.

d. Emissions Limitation:

Fugitive particulate emissions from any transfer point on belt conveyors and from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, shall not exceed 10 percent opacity, except as provided by rule 40 CFR 60.672.

Applicable Compliance Method:

Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO.

e. Emissions Limitation:

Fugitive particulate emissions from wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin shall not exceed 0 percent opacity.

Applicable Compliance Method:

Compliance shall be demonstrated using Method 9 of 40 CFR Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO.

(2) Compliance with the production limit in c)(1) shall be demonstrated by the required records in d)(1).

(3) The permittee shall conduct, or have conducted, fugitive visible particulate emission testing for emissions unit P001 in accordance with the following requirement:

a. The emissions testing shall be conducted within 60 days after achieving maximum production but no later than 180 days after the initial startup.

b. Compliance with the opacity limits as specified in b)(2)b. and b)(2)c. of this permit shall be determined by using US EPA Reference Test Method 9 (40 CFR Part 60). The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).



- c. 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.
- d. 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 the 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.

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.

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).

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.

- g) Miscellaneous Requirements
 - (1) None.