



State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

4/14/2009

James Smith  
HANSON AGGREGATES MIDWEST PAULDING QUARRY  
8130 BRINT RD  
PO BOX 278  
SYLVANIA, OH 43560

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 0363000001  
Permit Number: P0087416  
Permit Type: Renewal  
County: Paulding

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	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 Ohio EPA DAPC, Northwest District Office. 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: Ohio EPA-NWDO

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  
HANSON AGGREGATES MIDWEST PAULDING QUARRY**

Facility ID: 0363000001  
Permit Number: P0087416  
Permit Type: Renewal  
Issued: 4/14/2009  
Effective: 4/14/2009  
Expiration: 4/14/2019





State of Ohio Environmental Protection Agency  
Division of Air Pollution Control

**Air Pollution Permit-to-Install and Operate**  
for  
**HANSON AGGREGATES MIDWEST PAULDING QUARRY**

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Division of Air Pollution Control

**Final Permit-to-Install and Operate**  
**Permit Number:** P0087416  
**Facility ID:** 0363000001  
**Effective Date:** 4/14/2009

## Authorization

Facility ID: 0363000001  
Application Number(s): A0018393  
Permit Number: P0087416  
Permit Description: PTIO Renewal for Aggregate Processing Plant  
Permit Type: Renewal  
Permit Fee: \$0.00  
Issue Date: 4/14/2009  
Effective Date: 4/14/2009  
Expiration Date: 4/14/2019  
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15  
This document constitutes issuance to:

HANSON AGGREGATES MIDWEST PAULDING QUARRY  
PO BOX 32  
PAULDING, OH 45879

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:

Ohio EPA DAPC, Northwest District Office  
347 North Dunbridge Road  
Bowling Green, OH 43402  
(419)352-8461

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:** P0087416  
**Facility ID:** 0363000001  
**Effective Date:** 4/14/2009

## Authorization (continued)

Permit Number: P0087416  
Permit Description: PTIO Renewal for Aggregate Processing Plant

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
Superseded Permit Number:	03-13550
General Permit Category and Type:	Not Applicable



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

**Permit Number:** P0087416

**Facility ID:** 0363000001

**Effective Date:** 4/14/2009

## **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 Ohio EPA DAPC, Northwest District Office 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  
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**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.



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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**

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**Effective Date:** 4/14/2009

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**

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**Effective Date:** 4/14/2009

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



**1. F001, Aggregate Processing**

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

Aggregate Processing Plant –Conveying, Screening, and Material Handling Operations

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)	4.47 tons/yr fugitive particulate emissions (PE) [See b)(2)a.]  Visible Emissions Restrictions [See b)(2)c.]  Use of best available control measures to minimize or eliminate visible emissions of fugitive dust [See b)(2)b.]
b.	OAC rule 3745-17-07(B)	See b)(2)d.
c.	OAC rule 3745-17-08(B)	See b)(2)e.
d.	40 CFR, Part 60, Subpart OOO	Visible Emission Restrictions [See b)(2)c.]

(2) Additional Terms and Conditions

a. The 4.47 tons PE/yr limitation and 10% opacity restriction applies only to the transfer points listed below. All other transfer points and/or equipment were installed prior to Jan 1974 for OAC 3745-31-05(A)(3) applicability, and prior to 1983 for 40 CFR 60, Subpart OOO applicability.



Transfer Point:

- Primary Crusher to Conveyor C-1A
- Conveyor C-1A to Conveyor C-2A
- Conveyor C-2A to Conveyor C-3A
- S-3 Screen to Conveyor C-6
- S-3 Screen to 4's Bin\*
- S-3 Screen to 2's Bin\*
- S-3 Screen to 4' Symons Crusher
- S-4 Screen to Conveyor C-7
- S-4 Screen to 8's Bin
- S-4 Screen to 6's Bin
- S-4 Screen to Conveyor C-8\*
- Conveyor C-8 to Symons 4' Crusher\*
- Conveyor C-11 to Conveyor C-2
- Conveyor C-910 to Conveyor C-12

\*These transfer points are applicable to OAC Rule 3745-31-05(A)(3) and have the 10% opacity restriction, however are not included in the 4.47 tons/yr emission limitation. Due to the process flow, all of the product can either go to these transfer points or to another point in the process. Including them would result in counting the same emissions more than once at that stage of the process..

The Cedarapids Jaw Crusher, S-3 5x14 DD Deister Screen, S-4 5x14 DD Deister Screen, and Conveyor C-8 were all installed after Jan 1974 and are therefore subject to the requirements of OAC 3745-31-05(A)(3).

- b. The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit F001. Best Available Technology (BAT) for this emission unit is considered to be the use of water sprays. Whenever inherent product moisture is not sufficient to comply with the opacity restrictions of this permit, the permittee shall apply water, or any other suitable dust suppressant at appropriate locations on the line.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- c. Visible particulate emissions from the aggregate processing equipment included under this permit shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit	Regulatory Basis for Limit
Hopper to Grizzly Feeder	Transfer Point	None	None
Grizzly to Primary Crusher	Transfer Point	None	None



Grizzly to Conveyor C-1A	Transfer Point	None	None
Primary Crusher to Conveyor C-1A	Transfer Point	10%	OAC rule 3745-31-05
3042 Cedarapids Jaw Crusher	Primary Crusher	15%	OAC Rule 3745-31-05
Conveyor C-1A to Conveyor C-2A	Transfer Point	10%	NSPS, Subpart OOO
Conveyor C-2A to Conveyor C-3A	Transfer Point	10%	NSPS, Subpart OOO
Conveyor C-3A to Surge Pile	Transfer Point	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor C-1 to 4x12 2 Deck Diester Screen	Transfer Point	None	None
4x12 2 Deck Diester Primary Screen	Screen	None	None
Primary Screen to Crusher	Transfer Point	None	None
Primary Screen to Conveyor C-3	Transfer Point	None	None
54" Eljay Cone Crusher	Secondary Crusher	None	None
Secondary Crusher to Conveyor C-2	Transfer Point	None	None
Conveyor C-2 to 6x16 2 Deck Diester	Transfer Point	None	None
6x16 Diester to Conveyor C-5	Transfer Point	None	None



6x16 Diester to Conveyor C-5	Transfer Point	None	None
6x16 Deck Diester Secondary Screen	Screen	None	None
6x16 Diester to Load Out Bin	Transfer Point	None	None
Conveyor C-5 to 5x14 2 Deck Diester	Transfer Point	None	None
5x14 2 Deck Diester Screen	Screen	10%	OAC Rule 3745-31-05
5x14 Screen to Conveyor C-6	Transfer Point	10%	OAC Rule 3745-31-05
5x14 Diester to 4' Symons Crusher	Transfer Point	10%	OAC Rule 3745-31-05
5x14 Diester to 4's Bin	Transfer Point	10%	OAC Rule 3745-31-05
5x14 Diester to 2's Bin	Transfer Point	10%	OAC Rule 3745-31-05
Conveyor C-6 to 5x14 2 Deck Diester	Transfer Point	None	None
5x14 2 Deck Diester Screen	Screen	10%	OAC Rule 3745-31-05
5x14 2 Deck Diester to Conveyor C-7	Transfer Point	10%	OAC Rule 3745-31-05
Conveyor C-7 to 4x8 1 Deck Diester	Transfer Point	None	None
4x8 1 Deck Diester Screen	Screen	None	None
4x8 to 9's Bin	Transfer Point	None	None
4x8 to 10's Bin	Transfer Point	None	None
5x14 Screen to 8's Bin	Transfer Point	10%	OAC Rule 3745-31-05
5x14 to 6's Bin	Transfer Point	10%	OAC Rule 3745-31-05



5x14 Screen to Conveyor C-8	Transfer Point	10%	OAC Rule 3745-31-05
Conveyor C-8 to 4' Symons Crusher	Transfer Point	10%	OAC Rule 3745-31-05
4' Symons Cone Crusher	Tertiary Crusher	None	None
4' Symons to Conveyor C-11	Transfer Point	None	None
Product Bins to Conveyor C-910	Transfer Point	None	None
Sand Plant Bin to Conveyor C-14	Transfer Point	None	None
Conveyor C-14 to Sand Screw	Transfer Point	None	None
Screw to Cyclone	Transfer Point	None	None
Screw to Conveyor C-15	Transfer Point	None	None
Conveyor C-11 to Conveyor C-2 (re-circulation)	Transfer Point	10%	OAC Rule 3745-31-05
Conveyor C-910 to Conveyor C-12	Transfer Point	10%	NSPS, Subpart OOO

- d. This emission unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
- e. The permittee is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emission unit is exempt from the requirements of OAC rule 3745-17-07(B).

c) Operational Restrictions

- (1) The maximum annual aggregate throughput for this emission unit shall not exceed 2,628,000 tons. This restriction is based on the aggregate throughput of the Grizzly Feeder.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall collect and record the following information each month for emissions unit F001:



- a. The total tons per month of material processed through the primary crusher of emissions unit F001.
  - b. The annual, year to date tons of material processed through the primary crusher of emissions unit F001 (sum of (a) for each calendar month to date from January to December).
- (2) Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following frequencies:

<u>Material Handling Operation(s)</u>	<u>Minimum Inspection Frequency</u>
aggregate processing including crushing, screening, conveying	daily

- (3) The above mentioned inspections shall be performed during representative, normal operating conditions.
- (4) The permittee may, upon receipt of written approval from the Ohio EPA Northwest District Office, modify the above mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above mentioned applicable requirements.
- (5) The permittee shall maintain records of the following information:
  - a. the date and reason any required inspection was not performed;
  - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
  - c. the dates the control measure(s) was/were implemented; and
  - d. on a calendar quarter basis, the total number of days the control measure(s) was/were implemented.

The information in d)(5)d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar basis within 30 days after the end of each calendar quarter

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.



f) Testing Requirements

(1) Compliance with the emission limitation in Section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:  
4.47 tons/yr PE

Applicable Compliance Method:

The emissions limitation is based on a maximum potential uncontrolled emission rate of 4.47 tons/yr PE. The maximum uncontrolled emission rate was calculated using AP-42 emission factors from Chapter 11.19.2 (1/95) and a maximum annual throughput of 2,628,000 tons. Compliance shall be demonstrated through the monitoring and recordkeeping requirements in section d)(1) of this permit.

b. Emission Limitation:  
Visible PE shall not exceed 10% opacity for the transfer points and screens

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60, Appendix A ("Standards of Performance for New Stationary Sources").

c. Emission Limitation:  
Visible PE shall not exceed 15% opacity for the crusher

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60, Appendix A ("Standards of Performance for New Stationary Sources").

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

Applicable Compliance Method:

Compliance shall be determined in accordance with Test Method 22 set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources") as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

(2) Emission Testing Requirements:

The permittee shall conduct or have conducted, emission testing for all applicable transfer points, screens, and crushers of emission unit F001.

Testing shall be conducted in accordance with the provisions of 40 CFR Part 60, Subpart A, Section 60.8 and 40 CFR Part 60, Subpart OOO, Section 60.675.



The emission testing shall be conducted at such other times as may be required by the Ohio Environmental Protection Agency, Division of Air Pollution Control. The emission testing shall be conducted to demonstrate compliance with the allowable visible emission rates for particulate emissions.

The following test methods shall be employed to demonstrate compliance with the allowable visible emissions rates:

- a. Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.

The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio Environmental Protection Agency, Division of Air Pollution control. Not later than 30 days prior to the proposed test date(s), the permittee shall submit and "Intent to Test" notification to the Ohio Environmental Protection Agency, Division of Air Pollution Control. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operation parameters, the times and dates of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA District Office's air agency's refusal to accept the results of the emission tests.

Personnel from the Ohio EPA District's Office's air agency shall be permitted to witness the test, 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 emission unit and / or the performance of the control equipment. A comprehensive written report on the emissions test shall be signed by the person or persons responsible for the tests and submitted to the Ohio Environmental Protection Agency, Division of Air Pollution Control within 30 days following completion of the tests.

- g) Miscellaneous Requirements
  - (1) None.