Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Certified Mail

10/28/2011

JIM SCHEUB
CUSTAR STONE CO INC
9072 U.S. Route 24
Napoleon, OH 43545

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0387000226
Permit Number: P0087874
Permit Type: Renewal
County: Wood

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. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

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

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

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA-NWDO

Ohio | Environmental Protection Agency

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
CUSTAR STONE CO INC

Facility ID:	0387000226
Permit Number:	P0087874
Permit Type:	Renewal
Issued:	10/28/2011
Effective:	10/28/2011
Expiration:	10/28/2021

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install and Operate
for
CUSTAR STONE CO INC

Table of Contents

Authorization 1

A. Standard Terms and Conditions 3

1. What does this permit-to-install and operate ("PTIO") allow me to do? 4
2. Who is responsible for complying with this permit? 4
3. What records must I keep under this permit? 4
4. What are my permit fees and when do I pay them? 4
5. When does my PTIO expire, and when do I need to submit my renewal application? 4
6. What happens to this permit if my project is delayed or I do not install or modify my source? 5
7. What reports must I submit under this permit? 5
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? 5
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? 5
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? 6
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? 6
12. What happens if one or more emissions units operated under this permit is/are shut down permanently? 6
13. Can I transfer this permit to a new owner or operator? 7
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? 7
15. What happens if a portion of this permit is determined to be invalid? 7

B. Facility-Wide Terms and Conditions 8

C. Emissions Unit Terms and Conditions 10

1. F001, Plant roadways 11
2. F002, Storage Piles 15
3. F003, Mineral Extraction 20
4. F004, 400 TPH Aggregate Processing Facility 25

Authorization

Facility ID: 0387000226
Application Number(s): A0018955, A0042153
Permit Number: P0087874
Permit Description: Renewal PTIO for unpaved roadways and parking areas (F001), storage piles (F002), mineral extraction (F003) and an aggregate processing plant (F004).
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 10/28/2011
Effective Date: 10/28/2011
Expiration Date: 10/28/2021
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

CUSTAR STONE CO INC
PORTAGE ROAD
Custar, OH 43511

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

Scott J. Nally
Director

Authorization (continued)

Permit Number: P0087874
Permit Description: Renewal PTIO for unpaved roadways and parking areas (F001), storage piles (F002), mineral extraction (F003) and an aggregate processing plant (F004).

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	**F001**
Company Equipment ID:	Plant Roadways
Superseded Permit Number:	03-16283
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F002**
Company Equipment ID:	Storage Piles
Superseded Permit Number:	03-16283
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F003**
Company Equipment ID:	Mineral Extraction
Superseded Permit Number:	03-16283
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F004**
Company Equipment ID:	400 TPH Aggregate Processing Facility
Superseded Permit Number:	03-16283
General Permit Category and Type:	Not Applicable

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. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. 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[1] 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 emissions 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.

[1]Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

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 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.

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) None.

C. Emissions Unit Terms and Conditions

1. F001, Plant roadways

Operations, Property and/or Equipment Description:

unpaved roadways and parking areas

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).

(2) 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.

(3) 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.

c) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(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 are identified below. 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)	8.79 tons fugitive particulate emissions (PE)/year. No visible PE except for three minutes during any 60-minute period. Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [See b)(2)a. through b)(2)f.]
b.	OAC rule 3745-17-07 (B)	See b)(2)g.
c.	OAC rule 3745-17-08 (A)	See b)(2)h.

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the paved roadways and

parking areas by application of chemical stabilization/dust suppressants and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for unpaved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

c. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

d. Any unpaved roadway or parking area that is subsequently paved, will require a permit for paved roadways and parking areas.

e. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

f. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

g. This emissions unit is exempt from the visible emissions limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

h. Custar Stone Company, Inc.is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

d) Operational Restrictions

(1) None.

e) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

unpaved roadways and parking areas	minimum inspection frequency
service road	once per day of operation
haul road	once per day of operation

(2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

(3) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

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

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

b) 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) The permittee shall identify in the PER forms the following information concerning the inspection requirements during the 12-month reporting period for the emissions unit:

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

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

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or instance(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that all inspections were performed by the required frequency, and control measure(s) were properly implemented.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

8.79 tons of fugitive PE/year

Applicable Compliance Method:

The emission limitation was determined by multiplying AP-42 emission factors forunpaved roadways [Section 13.2.2.2 (10/01)], applying a control efficiency of 95% forwater, flushing, and chemical suppressants, and the following maximum vehicle milestraveled (VMT):

unpaved haul road - 15.04 lb/VMT and 22,483 VMT

unpaved service road - 15.04 lb/VMT and 1,000 VMT

Therefore, provided compliance is shown with the requirements of this permit to applybest available controlmeasures, compliance with the ton per year PE limitation shall also be demonstrated.

b. Emission Limitation:

No visible PE from unpaved roadways and parking areas except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

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

g) Miscellaneous Requirements

(1) None.

2. F002, Storage Piles

Operations, Property and/or Equipment Description:

Aggregate storage piles.

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).

(2) 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.

(3) 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 operation(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 are identified below. 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)	0.64 ton fugitive particulate emissions (PE)/year. No visible PE except for one minute during any 60-minute period. Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [See b)(2)a. through b)(2)e.]
b.	OAC rule 3745-17-07 (B)	See b)(2)f.
c.	OAC rule 3745-17-08 (B)	See b)(2)g.

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance

with the permittee's permit application, the permittee has committed to minimizing drop height and applying water, as necessary, to ensure compliance.

The operator shall avoid dragging any front-end loader bucket along the ground. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

c. The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the application, the permittee has committed to perform one or more of the following: (chemical stabilization, watering/sprinkling system/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

d. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s)are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

e. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

f. This emissions unit is exempt from the visible emissions limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

g. Custar Stone Company, Inc. is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
all	daily

(2) Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
all	daily

(3) Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
all	daily

(4) No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

(5) The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

(6) The permittee shall maintain records of the following information:

a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

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

c. the dates the control measures were implemented; and

d. on a calendar quarter basis, the total number of days the control measure were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require control measure(s).

The information required in d)(6)d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar on a calendar quarter basis within the 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.

(2) The permittee shall identify in the PER forms the following information concerning inspection requirements during the 12-month reporting period for this emissions unit:

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

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

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or instance(s) to identify as required above, the permittee shall indicate within the “Additional Information and Corrections” section of the PER that all inspections were performed by the required frequency, and control measure(s) were properly implemented.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>

0.59 ton of fugitive particulate emissions PE/year

<u>Applicable Compliance Method:</u>

The emission limitation was established by combining the emissions from load-in and load-out operations and from wind erosion from each storage pile as listed in the permittee's application and applying a 95% control efficiency for use of best available control measures. Load-in and load-out operation emissions are based on a maximum load-in and load-out rate of 1,456,000 tons per year and each wind erosion rate is based on a maximum surface area of 5 acres for all storage piles as listed in the permit application:

The emission rate was determined as follows:

i. Load-in - emissions associated with load-in operations were established by multiplying a maximum load-in rate of 1,456,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4. (1/95) [0.008 lb PE/ton], applying a 95% control efficiency and dividing by 2000lbs/ton. (0.29 ton PE/yr)

ii. Load-out - emissions associated with load-out operations were established by multiplying a maximum load-out rate of 1,456,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4. (1/95) [0.008 lb PE/ton], applying a 95% control efficiency and dividing by 2000 lb/ton. (0.29 ton PE/yr)

iii. Wind erosion - emissions were established by multiplying a maximum combined storage pile surface area of 5 acres, the appropriate emission factor from USEPA's control of Open Fugitive Dust Sources (9/88) [0.17 lb PE/day/acre], a maximum operating schedule of 365 days per year and dividing by 2000 and applying a 95% control efficiency. (0.008 ton PE/yr)

Therefore, provided compliance is shown with the requirements of this permit to applybest available controlmeasures, compliance with the ton per year PE limitation shall also be demonstrated.

b. Emission Limitation:

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method:

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

g) Miscellaneous Requirements

(1) None.

3. F003, Mineral Extraction

Operations, Property and/or Equipment Description:

Mineral extraction (includes overburden romoval, drilling, blasting, and truck loading.

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 operation(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 are identified below. 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)	1.97tons fugitive particulate emissions (PE)/year Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [See b)(2)c. through b)(2)e.] Opacity restrictions [See b)(2)f.]
b.	OAC rule 3745-17-07(B)	See b)(2)a.
c.	OAC rule 3745-17-08(B)	See b)(2)b.

(2) Additional Terms and Conditions

a. This emissions unit is exempt from the visible emissions limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

b. Custar Stone Company, Inc. is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

c. The permittee has committed to employ the following control measures for this emissions unit for purposes of ensuring compliance with the above-mentioned applicable requirements:

Mineral Extraction	**Control Measure(s) ***
Overburden removal and reclamation	minimize area of disturbed land surface, reclaim land surface as expeditiously as possible, maintenance of inherent moisture content with water truck
Blasting	minimize area to be blasted, prevention of overshooting
Drilling	emissions vented to baghouse
Limestone loading into trucks	prevent haul vehicle overloading, maintain low drop height from front end loader bucket
Overburden loading into trucks	prevent haul vehicle overloading, maintain low drop height from front end loader bucket

*If at any time the moisture content is not sufficient to meet the above applicable requirements, the permittee shall apply water to the area before conducting operations. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

d. For each mineral extraction operation, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the mineral extraction operation(s) until further observations confirms that use of the control measure(s) is unnecessary.

e. Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit are appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

f. Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal

and reclamation, drilling, limestone loading into trucks, and overburden loading into trucks.

c) Operational Restrictions

(1) The permittee shall be limited to 108 blasts per year.

(2) The permittee shall not process more than 1,456,000 tons of stone per year.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, for mineral extraction operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

mineral extraction operation	minimum inspection frequency
all	daily

(2) 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)(2)d. shall be kept separately for each mineral extraction operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

(3) The permittee shall maintain the following monthly blasting records:

a. the date each blast occurred;

b. the total number of blasts each month;

c. the tons of mineral/stone processed each month; and

d. the annual, year-to-date, number of blasts, and estimated tons processed [sum of d)(4)b. and d)(4)c. respectively, for each calendar month to the date from January to December].

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) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for term numbers d) (1), (2), and (3) above:

a. each day during which an inspection was not performed by the required frequency;

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

c. the total number of blasts for the previous calendar year; and

d. the total mineral throughput (i.e. the amount of stone loaded into trucks), in tons, for the previous calendar year.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>

1.97tons fugitive PE

<u>Applicable Compliance Method:</u>

The annual particulate emission limitations were developed by applying the followingemission factors/equations and control efficiencies to the associated process weight rates:

Mineral Extraction Operation	**Maximum Process Weight Rate**	**Control Efficiency**	**Emission Factor**	**Emission Factor Citation**
Overburden removal	610,960 cubic yards/yr or 1,038,632 tons/yr	None Established	0.005 lbyd/3 removed	AP-42 11.9-1 7/98
Loading/unloading into trucks	1,456,000 tons/year	None Established	0.00001 lb PE/ton loaded.	AP-42 Table 11.19.2-1, 1/95
Drilling	2,416 holes/yr	90%	1.30 lbs PE/hole	AP-42 11.9-4

Blasting	108 blasts/year A=5248 ft^2/blast	None	$0.000014(A)^{1.5}$ 5.32lbs per blast	AP-42 11.9-1 7/98

b. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from thefollowing mineral extraction operations: overburden removal and reclamation, drilling, limestone loading into trucks, and overburden loading into trucks.

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.

4. F004, 400 TPH Aggregate Processing Facility

Operations, Property and/or Equipment Description:

Aggregate processing plant with primary, secondar, tertiary crushing, screening, conveying, 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).

(2) 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.

(3) 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 operation(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 are identified below. 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)	3.15 tons fugitive particulate emissions (PE)/year best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. through b)(2)d.
b.	OAC rule 3745-17-07(B)	See b)(2)e.
c.	OAC rule 3745-17-08(B)	See b)(2)f.
d.	40 CFR Part 60 Subpart OOO	Visible Emission Restrictions [See b)(2)g.]

(2) Additional Terms and Conditions

a. The permittee has committed to employ the following control measures for this emissions unit for purposes of ensuring compliance with the above-mentioned applicable requirements:

Material Handling/Processing Operation	Control Measures
loading and unloading	reduced drop height
transfer points	wet suppression*
primary crushing and screening	water sprays

* If at any time the moisture content of the material processed or handled is not sufficient to meet the above applicable requirements, the permittee shall employ a wet suppression control system to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

b. For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary.

c. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

d. The requirements of this rule also include compliance with OAC rule 3745-17-07(B), OAC rule 3745-17-08(B) and CFR 40 Part 60, Subpart OOO.

e. This emissions unit is exempt from the visible emissions limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

f. Custar Stone Company, Inc. is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

g. Visible particulate emissions shall comply with the following:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit
front-end loader to pan feeder 1878	transfer point	20% as a 3-minute average	OAC rule 3745-31-05
primary crusher 1802	crusher	15%	NSPS, Subpart OOO
primary crusher 1802 to conveyor 1883	transfer point	10%	NSPS, Subpart OOO
conveyor 1883 to screen 00002	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
primary scalper screen	screen	No visible emissions from the enclosure	OAC rule 3745-31-05
screen 00002 to conveyor 1887	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
conveyor 1887 to conveyor 1882	transfer point	10%	NSPS, Subpart OOO
conveyor 1872 to crusher 1905	transfer point	10%	NSPS, Subpart OOO
secondary crusher 1905	crusher	15%	NSPS, Subpart OOO
crusher 1905 to conveyor 1873	transfer point	10%	NSPS, Subpart OOO
conveyor 1873 to secondary screen 847	transfer point	10%	NSPS, Subpart OOO
secondary screen 847	screen	10%	NSPS, Subpart OOO
secondary screen 847 to conveyor c-3	transfer point	10%	NSPS, Subpart OOO
conveyor c-3 to stacker	transfer point	10%	NSPS, Subpart OOO
secondary screen 847 to conveyor c-4	transfer point	10%	NSPS, Subpart OOO
conveyor c-4 to conveyor 1883	transfer point	10%	NSPS, Subpart OOO
secondary screen 847 to conveyor c-5	transfer point	10%	NSPS, Subpart OOO
conveyor c-5 to conveyor c-5a	transfer point	10%	NSPS, Subpart OOO
secondary screen 00002 to conveyor 1889	transfer point	10%	NSPS, Subpart OOO
conveyor 1889 to tertiary crusher 1920	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary crusher 1920	crusher	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary crusher 1920 to bucket elevator 1910	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
bucket elevator 1910 to tertiary screen 1896	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1896	screen	No visible emissions from the enclosure	OAC rule 3745-31-05

tertiary screen 1896 to conveyor 1897	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
bucket elevator 1910 to tertiary screen 1891	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1891	screen	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1891 to conveyor 1897	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
conveyor 1897 to conveyor 1899	transfer point	10%	NSPS, Subpart OOO
conveyor 1899 to crusher 1920	transfer point	10%	NSPS, Subpart OOO
screen 1891 and 1896 to screen 1895	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1895	screen	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1895 to screenings storage bin	transfer point	No visible emissions from the enclosure	OAC rule 3745-31-05
tertiary screen 1895 to 9's storage bin	transfer point	10%	NSPS, Subpart OOO

c) Operational Restrictions

(1) The maximum annual material throughput for this emissions unit shall not exceed 1,460,000 tons. This restriction is based on the material throughput of the crusher.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the amount (tons per month and total tons, to date, for the calendar year) of material processed through the feeder of this emissions unit.

(2) Except as otherwise provided in this section, for aggregate processing operations that are not adequately enclosed, the permittee shall perform visible emission inspections of such operations during representative, normal operating conditions in accordance with the following minimum frequencies:

Material Handling Operations	Minimum Inspection Frequency
all	once during each day of operation

(3) The permittee shall maintain records of the following information:

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

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control 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)(3)d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

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) The permittee shall identify in the PER forms the following information concerning inspection requirements during the 12-month reporting period for this emissions unit:

a. each day during which an inspection was not performed by the required frequency; and

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

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or instance(s) to identify as required above, the permittee shall indicate within the “Additional Information and Corrections” section of the PER that all inspections were performed by the required frequency, and control measure(s) were properly implemented.

(3) The permittee shall submit written reports of the results of all performance tests conducted todemonstrate compliance with the standards set forth in 40 CFR, Part 60, Subpart OOO, including the reports of opacity observations using Method 9 to demonstrate compliance with this subpart.

(3) The permittee shall submit the following information for each piece of equipment that is replaced by a piece of equipment having the same function as the existing facility:

a. for a crusher:

i. the rated capacity in tons per hour of the existing facility being replaced; and

ii. the rated capacity in tons per hour of the replacement equipment.

b. for a screening operation:

i. the total surface area of the top screen of the existing screening operation being replaced; and

ii. the total surface area of the top screen of the replacement screening operation.

c. for a conveyor belt:

i. the width of the existing belt being replaced; and

ii. the width of the replacement conveyor belt.

d. for a storage bin;

i. the rated capacity in tons of the existing storage bin being replaced; and

ii. the rated capacity in tons of the replacement storage bins.

(4) The notification shall be submitted to the Northwest District Office within 30 days after the equipment replacement pursuant to the general provisions of NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times for this emissions unit:

a. actual start-up date (within 15 days after such date); and

b. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio EPA, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

f) Testing Requirements

(1) The permittee shall conduct, or have conducted, emission testing for all transfer points, screens and crushers of emissions unit F004.

(2) 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.

(3) The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, by not later than 180 days after initial startup of such facility and 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.

(4) 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.

(5) The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Division of Air Pollution Control. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, 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.

(6) Personnel from the Ohio EPA District 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 emissions unit and /or the performance of the control equipment. A comprehensive written report on the emissions tests shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Division of Air Pollution Control within 30 days following completion of the tests.

(7) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

3.15 tons fugitive PE/year

Applicable Compliance Method:

The emission limiation was developed using the following equation: Total Emissions = truck unloading* + crushing** + screening*** + transfer points****

*truck unloading: Multiply the AP-42 emission factor of 0.00001 lb PE/ton (Section 11.19.2- 6/03) by the maximum annual throughput of 1,456,000 tons and divide by 2000. Multiplied PM-10 emission factor by 2.1 to determine PE emission factor per AP-42 guidance

**Crushing: For each crusher (3 total 1 is enclosed and controlled 100%), multiply the AP-42 emission factor of 0.0012 lb PE/ton (Section 11.19.2 -6/03) by the maximum annual throughput of 1,456,000 tons 95% control by use of spray bars and divide by 2000.

***Screening: (4 total 3 are enclosed and controlled 100%) multiply the AP-42 emission factor of 0.0021 lb PE/ton (Section 11.19.2 - 6/03) by the maximum annual throughput of 1,456,000 tons and divide by 2000. Multiplied PM-10 emission factor by 2.1 to determine PE emission factor per AP-42 guidance

****Transfer Points: For each transfer point (25 total 10 are enclosed and controlled 100%), multiply the AP-42 emission factorof 0.00013 lb PE/ton (Section 11.19.2 - 6/03) by the maximum annual throughput of 1,456,000 tons and divide by 2000. Multiplied by PM-10 emission factor by 2.1 to determine PE emission factor per AP-42 guidance

Therefore, provided compliance is shown with the requirement to apply best available control measures, compliance with the ton per year PE limitation shall also be demonstrated.

b. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15% 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 a specified in f)(1) through f)(6) above.

c. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any transfer point or screen, any fugitive emissions which exhibit greater than 10% 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 a specified in f)(1) through f)(6) above.

d. Emission Limitations:

No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period of all transfer points, screens, an crushing operations that are totally enclosed.

Applicable Compliance Method:

Compliance with the visible emission limitation specified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

e. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from front end loaders into feeder.

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.