



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
AUGLAIZE COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 03-16363

Fac ID: 0306000103

DATE: 9/27/2005

National Lime + Stone - Buckland Plant
Dan Mapes
PO Box 120 551 Lake Cascades Parkway
Findlay, OH 45839

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. 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, Ohio 43215

Sincerely,

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

CC: USEPA

NWDO



**Permit To Install
Terms and Conditions**

**Issue Date: 9/27/2005
Effective Date: 9/27/2005**

FINAL PERMIT TO INSTALL 03-16363

Application Number: 03-16363
Facility ID: 0306000103
Permit Fee: **\$600**
Name of Facility: National Lime + Stone - Buckland Plant
Person to Contact: Dan Mapes
Address: PO Box 120 551 Lake Cascades Parkway
Findlay, OH 45839

Location of proposed air contaminant source(s) [emissions unit(s)]:
**18430 Main Street Road
Wapakoneta, Ohio**

Description of proposed emissions unit(s):
aggregate processing plant including crushing, screening, and conveying (modification to PTI 03-8019 issued on September 21, 1994). Modification to install additional conveyors.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

National Lime + Stone - Buckland Plant
PTI Application: 03-16363
Issued: 9/27/2005

Facility ID: 0306000103

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

National Lime + Stone - Buckland Plant
PTI Application: 03-16363
Issued: 9/27/2005

Facility ID: 0306000103

the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

National Lime + Stone - Buckland Plant
PTI Application: 03-16363
Issued: 9/27/2005

Facility ID: 0306000103

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

National Lime + Stone - Buckland Plant
PTI Application: 03-16363
Issued: 9/27/2005

Facility ID: 0306000103

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	6.48

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Aggregate processing plant including crushing, screening, and conveying (modification to PTI 03-8019 issued on September 21, 1994). Modification to install additional conveyors.	OAC rule 3745-31-05 (A) (3)	6.48 tons fugitive particulate emissions (PE)/yr Visible emission restrictions (See A.2.f) Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.a through A.2.c)
	OAC rule 3745-17-07 (B)	See A.2.d
	OAC rule 3745-17-08 (B)	See A.2.e
	40 CFR, Part 60, Subpart OOO	See A.2.e
		Visible emission restrictions (see A.2.f)

2. Additional Terms and Conditions

- 2.a The permittee shall employ best available control measures for this emissions unit for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee

maintains that the inherent moisture content of the material processed is at a level that is more than sufficient to comply with all applicable requirements. If at any time the moisture content is not sufficient to meet the above applicable requirements, the permittee shall employ best available control measures to ensure compliance.

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

- 2.b** For each aggregate processing operation that is not adequately enclosed, 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 operation of the aggregate processing operation(s) until further observation confirms that use of the control measure(s) is unnecessary.
- 2.c** Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.
- 2.d** The requirements of this rule also include compliance with 40 CFR Part 60, Subpart OOO.
- 2.e** This emission unit is exempt from the requirements of OAC rule 3745-17-08 (B) pursuant to OAC rule 3745-17-08 (A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B) (1) pursuant to OAC rule 3745-17-07 (B) (11) (e).
- 2.f** Visible particulate emissions shall comply with the following:

Emission Point (Company ID)	Equipment Type	Opacity Limit as a six-minute average, unless otherwise specified	Regulatory Basis for Limit
Front End Loader to Primary Hopper	transfer point	20% opacity as a 3-minute average	OAC rule 3745-31-05 (A) (3)
Primary Hopper to Grizzly Feeder	transfer point	15%	OAC rule 3745-31-05 (A) (3)

Natio
PTI A
Issued: 9/27/2005

Emissions Unit ID: **F004**

Grizzly Feeder to Primary Crusher	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Primary Crusher	crusher	15%	OAC rule 3745-31-05 (A) (3)
Primary Crusher to Conveyor A1	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Conveyor A1 to Conveyor 11	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor 11 to Conveyor 10	transfer point	10%	NSPS, Subpart OOO
Conveyor 10 to Conveyor 9	transfer point	10%	NSPS, Subpart OOO
Conveyor 9 to Conveyor 8	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor 8 to Conveyor 7	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor 6 to Conveyor 5	transfer point	10%	NSPS, Subpart OOO
Conveyor 5 to Conveyor 4	transfer point	10%	NSPS, Subpart OOO
Conveyor 4 to Conveyor 3	transfer point	10%	NSPS, Subpart OOO
Conveyor 3 to Conveyor 2	transfer point	10%	NSPS, Subpart OOO
Conveyor 2 to Conveyor 1	transfer point	10%	NSPS, Subpart OOO
Conveyor 1 to Primary Surge Bin	transfer point	10%	NSPS, Subpart OOO
Primary Surge Bin to Conveyor B	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor B to 3-Deck Primary Screen	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Primary Screen	screen	10%	OAC rule 3745-31-05 (A) (3)
Primary Screen to Secondary Surge Bin	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Secondary Surge Bin to Secondary Crusher	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Secondary Crusher	crusher	15%	NSPS, Subpart OOO

National Lime + Stone - Buckland Plant

PTI Application: 02-16262

Issue

Facility ID: 0306000103

Emissions Unit ID: **F004**

Secondary Crusher to Conveyor C	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Conveyor C to Conveyor D	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor D to Deister Secondary Screen	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Deister Secondary Screen	screen	10%	OAC rule 3745-31-05 (A) (3)
Deister Secondary Screen to Conveyor F	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor F to Conveyor E2	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor E2 to Conveyor 1	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor 1 to Conveyor G	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Conveyor G to Deister 2-Deck Wash Screen	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Deister 2-Deck Wash Screen to Screw Conveyor	transfer point	No Visible Emissions	OAC rule 3745-31-05 (A) (3)
Screw Conveyor to Washed Sand Conveyor	transfer point	No Visible Emissions	OAC rule 3745-31-05 (A) (3)
Washed Sand Conveyor to Re grind Conveyor	transfer point	No Visible Emissions	OAC rule 3745-31-05 (A) (3)
Re grind Conveyor to Hammermill Surge Bin	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Hammermill Surge Bin to Cedar Rapids Hammer Mill	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Cedar Rapids Hammer Mill to Fines Elevator	transfer point	15%	OAC rule 3745-31-05 (A) (3)
Fines Elevator to Fines Screen Deister Single Deck (Ag Screen)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
Ag Screen	screen	10%	OAC rule 3745-31-05 (A) (3)
Ag Screen to Conveyor K	transfer point	10%	OAC rule 3745-31-05 (A) (3)

- 2.g** The application and enforcement of the provisions of NSPS, as promulgated by the United State Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements for 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

1. The permittee shall not exceed 1,000,000 tons per year of aggregate processed in this emissions unit. This restriction is based on the aggregate throughput of the primary crusher.

C. 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 aggregate processed through the primary crusher of emissions unit F004.
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 minimum frequencies:

Material Handling Operations

All

Minimum Inspection Frequency

Once During Each Day of Operation

3. The above-mentioned inspections shall be performed during representative, normal operating conditions.
4. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
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):

Emissions Unit ID: F004

- 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 5.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.

D. Reporting Requirements

1. The permittee shall submit an annual report which identifies the annual amount of aggregate processed in emissions unit F004. This report shall be submitted by January 31 of each year.
2. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
3. The permittee shall submit written reports of the results of all performance test conducted to demonstrate 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.
4. 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; and
 - b. for a screen:

- 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; and
- c. for a conveyor belt:
- i. the width of the existing belt being replaced, and
 - ii. the width of the replacement conveyor belt.

The notification shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the equipment replacement.

5. 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. construction date (no later than 30 days after such date);
 - b. actual start-up date (within 15 days after such date); and
 - c. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC-Permit Management Unit
Lazarus Government Center
P.O. Box 1049
Columbus, Ohio 43216-1049

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

E. Testing Requirements

1. The permittee shall conduct or have conducted, emission testing for the following transfer points and crushers associated with emissions unit F004:

Conveyor 11 to Conveyor 10
Conveyor 10 to Conveyor 9
Conveyor 6 to Conveyor 5
Conveyor 5 to Conveyor 4
Conveyor 4 to Conveyor 3
Conveyor 3 to Conveyor 2
Conveyor 2 to Conveyor 1
Conveyor 1 to Primary Surge Bin
Secondary Crusher

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, but 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 rate 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(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 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

Emissions Unit ID: F004

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 emission limitations in section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. **Emission Limitation:**

6.48 tons fugitive PE/yr

Applicable Compliance Method:

The annual limitation is the summation of emissions generated from unloading, crushing, screening, and transfer points. Emissions for individual operations were calculated as follows:

For each unloading operation, multiply the AP-42 emission factor of 0.000016 lb PM10/ton (Section 11.19.2 - 8/04) by 2.1 and by the maximum annual throughput of 1,000,000 tons and divide by 2000.

For primary and secondary crushing, multiply the AP-42 controlled emission factor of 0.012 lb PE/ton (Section 11.19.2 - 8/04) by the maximum annual throughput of 1,000,000 tons and divide by 2000. For tertiary crushing, multiply the AP-42 controlled emission factor of 0.0030 lb PE/ton (Section 11.19.2 - 8/04) by the maximum annual throughput of 100,000 tons and divide by 2000.

For primary and secondary screening multiply the AP-42 controlled emission factor of 0.0022 lb PE/ton (Section 11.19.2 - 8/04) by the maximum annual throughput of 1,000,000 tons and divide by 2000. For aggregate screening, multiply the AP-42 emission factor of 0.0036 lb PE/ton (Section 11.19.2 - 8/04) by the maximum annual throughput of 100,000 tons and divide by 2000.

For each transfer point, multiply the AP-42 controlled emission factor of 0.00014 lb PE/ton (Section 11.19.2 - 8/04) by the maximum annual throughput of 1,000,000 tons and divide by 2000.

Provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual PE limitation will be assumed.

b. **Emission Limitation:**

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

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 of 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.

c. **Emission Limitation:**

The permittee shall not cause to be discharged into the atmosphere from the any crusher, at which a capture system in not used, fugitive emissions which exhibit greater than 15% opacity.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO. Testing of the secondary crusher is required as specified in sections E.1. through E.6 above.

d. **Emission Limitation:**

The permittee shall not cause to be discharged into the atmosphere from any screening operation, at which a capture system is not used, fugitive emissions which exhibit greater than 10% opacity.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A.

e. **Emission Limitation:**

The permittee shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10% opacity.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO. Testing of the following transfer points is required as specified in sections E.1. through E.6 above:

Conveyor 11 to Conveyor 10
 Conveyor 10 to Conveyor 9
 Conveyor 6 to Conveyor 5
 Conveyor 5 to Conveyor 4
 Conveyor 4 to Conveyor 3
 Conveyor 3 to Conveyor 2
 Conveyor 2 to Conveyor 1
 Conveyor 1 to Primary Surge Bin

f. **Emission Limitation:**

The permittee shall not cause to be discharged into the atmosphere any visible emissions from any wet screening operations and subsequent screening operations bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 22 of 40 CFR, Part 60, Appendix A.

F. Miscellaneous Requirements

18

Natio

PTI A

Issued: 9/27/2005

Emissions Unit ID: **F004**

1. None.