



Environmental
Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

8/23/2010

Certified Mail

R Mapes
National Lime & Stone Co. - Carey
1331 Broad Avenue
Suite 100
Findlay, OH 45840

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

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0388000004
Permit Number: P0106541
Permit Type: OAC Chapter 3745-31 Modification
County: Wyandot

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Daily Cheif-Union. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

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

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,


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

Cc: U.S. EPA Region 5 - *Via E-Mail Notification*
Ohio EPA-NWDO; Michigan; Canada

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install
National Lime & Stone Co. - Carey

Issue Date: 8/23/2010

Permit Number: P0106541

Permit Type: OAC Chapter 3745-31 Modification

Permit Description: Modification of existing emissions unit F015 to include addition of secondary crusher, conveyors and surge bin.

Facility ID: 0388000004

Facility Location: National Lime & Stone Co. - Carey
North Patterson Street, P. O. Box 8
Carey, OH 43316

Facility Description: Crushed and Broken Limestone Mining and Quarrying

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio, has issued a draft action of an air pollution control permit-to-install (PTI) for an air contaminant source at the location identified above on the date indicated. Installation of the air contaminant source may proceed upon final issuance of the PTI. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Donald Waltermeyer at Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402 or (419)352-8461. The permit can be downloaded from the Web page: www.epa.ohio.gov/dapc



DRAFT

**Division of Air Pollution Control
Permit-to-Install
for
National Lime & Stone Co. - Carey**

Facility ID: 0388000004
Permit Number: P0106541
Permit Type: OAC Chapter 3745-31 Modification
Issued: 8/23/2010
Effective: To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install
for
National Lime & Stone Co. - Carey

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Authorization

Facility ID: 0388000004
Facility Description: Limestone Mining and Processing
Application Number(s): A0039807, A0040074
Permit Number: P0106541
Permit Description: Modification of existing emissions unit F015 to include addition of secondary crusher, conveyors and surge bin.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$625.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 8/23/2010
Effective Date: To be entered upon final issuance

This document constitutes issuance to:

National Lime & Stone Co. - Carey
North Patterson Street
P. O. Box 8
Carey, OH 43316

of a Permit-to-Install 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 a Permit-to-Install for the 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 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

Chris Korleski
Director



Authorization (continued)

Permit Number: P0106541
Permit Description: Modification of existing emissions unit F015 to include addition of secondary crusher, conveyors and surge bin.

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

Emissions Unit ID:	F015
Company Equipment ID:	1500 TPH Aggregate Processing Plant
Superseded Permit Number:	03-17158
General Permit Category and Type:	Not Applicable



A. Standard Terms and Conditions



1. Federally Enforceable Standard Terms and Conditions

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
 - (1) Standard Term and Condition A.2.a), Severability Clause
 - (2) Standard Term and Condition A.3.c) through A. 3.e) General Requirements
 - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
 - (4) Standard Term and Condition A.9., Reporting Requirements
 - (5) Standard Term and Condition A.10., Applicability
 - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
 - (7) Standard Term and Condition A.14., Public Disclosure
 - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
 - (9) Standard Term and Condition A.16., Fees
 - (10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

- a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.

- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) 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 or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - (1) The date, place (as defined in the permit), and time of sampling or measurements.
 - (2) The date(s) analyses were performed.
 - (3) The company or entity that performed the analyses.
 - (4) The analytical techniques or methods used.
 - (5) The results of such analyses.
 - (6) The operating conditions existing at the time of sampling or measurement.
- b) 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.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Ohio EPA DAPC, Northwest District Office.

- (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Northwest District Office. The written reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.
 - (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the Ohio EPA DAPC, Northwest District Office every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - (4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

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, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Ohio EPA DAPC, Northwest District Office in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

- a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.
- b) Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- c) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

- (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- d) The permittee shall submit progress reports to the Ohio EPA DAPC, Northwest District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
- (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

7. Best Available Technology

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

8. 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.

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Ohio EPA DAPC, Northwest District Office.

- 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 state-only required 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 Ohio EPA DAPC, Northwest District Office. 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 (i.e., postmarked) quarterly, 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.)

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

11. Construction of New Sources(s) and Authorization to Install

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. 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 this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit 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.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. 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.

- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., 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) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" 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).
- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., 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). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

No emissions unit certified by the authorized official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

- e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

13. Construction Compliance Certification

The applicant shall identify the following dates in the online facility profile for each new emissions unit identified in this permit.

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.



- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. 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.

15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

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., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

16. 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 any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

17. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in Air Services once the transfer is legally completed. The change must be submitted through Air Services within thirty days of the ownership transfer date.

18. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

19. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

B. Facility-Wide Terms and Conditions

Effective Date: To be entered upon final issuance

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:
 - a) None.

C. Emissions Unit Terms and Conditions



1. F015, 1500 TPH Aggregate Processing Plant

Operations, Property and/or Equipment Description:

1500 ton/hour aggregate processing plant (limestone)

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	Fugitive particulate emissions shall not exceed 52.40 tons per year (tpy). Fugitive particulate matter 10 microns or less in size (PM10) shall not exceed 18.40 tpy. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. [See b)(2)a. through b)(2)c.] See 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. and b)(2)h.]

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures for the material processing/handling operations identified below, for the purpose of ensuring compliance with the above mentioned applicable requirements. In accordance with the permit application, the permittee has committed to perform the following control measure(s) to ensure compliance:



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Table with 2 columns: material handling operation, control measure(s). Rows include Loading, Crushing and screening, and Transfer/conveying with their respective control measures.

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

- b. For each material handling/processing operation that is not adequately enclosed...
c. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit...
d. The requirements of this rule also include compliance with 40 CFR Part 60 Subpart OOO, OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B),
e. Visible particulate emissions shall not exceed 20% opacity, as a three-minute average from rail car loading operations, truck unloading and loading of the primary (grizzly) feeder with front-end loader.

The visible particulate emission limitations for all other material handling/processing operation(s) other than rail car loading operations, truck unloading and loading of the primary (grizzly) feeder with front-end loader are applicable to 40 CFR Part 60, Subpart OOO or OAC rule 3745-31-05(A)(3). The requirements of OAC rule 3745-17-07(B) are less stringent than the visible emission restrictions established pursuant to 40 CFR Part 60, Subpart OOO or OAC rule 3745-31-05(A)(3).

- f. In accordance with OAC rule 3745-17-08(B), the permittee shall employ the reasonably available control measure (RACM) of reduced drop height for loading of the primary (grizzly) feeder with front-end loader.

The requirements specified by this rule for all aggregate processing operations other than loading of the primary (grizzly) feeder are less stringent than the best available control measures established pursuant to OAC rule 3745-31-05(A)(3).

- g. The application and enforcement of the provisions of NSPS, as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are



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delegated to the Ohio Environmental Protection Agency. The requirements for 40 CFR Part 60 are also federally enforceable.

- h. The permittee shall not cause to be discharged into the atmosphere, fugitive emissions which exhibit greater than the following:

<u>Material Handling Operation</u>	<u>Opacity limit, as a six-minute average</u>
crushing	15%
screening	10%
conveying/transfer points	10%
wet screening and screening of saturated material	no visible emissions
conveyor transfer points of saturated material	no visible emissions

The following table identifies all material handling equipment located at the facility applicable to the above opacity limitations:

Emission Point (Company ID)	Equipment Type
primary crushing CR1	crusher
secondary crushing CR2	crusher
secondary crushing CR3	crusher
secondary crushing CR4	crusher
primary grizzly feeder PGFD	screen
primary screen S1	screen
secondary screen S2	screen
secondary screen S3	screen
secondary screen S4	screen
PC1 conveyor	transfer point
PC2 conveyor	transfer point
primary surge bin w/2 vibrating feeder	transfer point
PC3 conveyor	transfer point
PC4 conveyor	transfer point
PC5 conveyor	transfer point
PC6 conveyor	transfer point
PC7 conveyor	transfer point
PC8 conveyor	transfer point
PC9 conveyor	transfer point
primary surge pile w/3 vibrating feeders	transfer point
PC10 conveyor	transfer point
PC11 conveyor	transfer point
PC12 conveyor	transfer point



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C1 conveyor	transfer point
C2 conveyor	transfer point
C3 conveyor	transfer point
C4 conveyor	transfer point
C5 conveyor	transfer point
C6 conveyor	transfer point
C7 conveyor	transfer point
C8 conveyor	transfer point
C9 conveyor	transfer point
C10 conveyor	transfer point
C11 conveyor	transfer point
C12 conveyor	transfer point
C13 conveyor	transfer point
C14 conveyor	transfer point
C15 conveyor	transfer point
C16 conveyor	transfer point
C17 conveyor	transfer point
SH2 secondary surge hopper	transfer point
C18 conveyor	transfer point
C19 conveyor	transfer point
C20 conveyor	transfer point
C21 conveyor	transfer point
C22 conveyor	transfer point
C23 conveyor	transfer point
C24 conveyor	transfer point
C25 conveyor	transfer point
C26 conveyor	transfer point
C27 conveyor	transfer point
C28 conveyor	transfer point
C29 conveyor	transfer point
C30 conveyor	transfer point
C31 conveyor	transfer point
C32 conveyor	transfer point
C33 conveyor	transfer point
C34 conveyor	transfer point
C35 conveyor	transfer point
C36 conveyor	transfer point
C37 conveyor	transfer point
C38 conveyor	transfer point
C39 conveyor	transfer point
C40 conveyor	transfer point
tertiary washing screen	screen
SS1 wet sand and screw	transfer point



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C41 conveyor	transfer point
C42 conveyor	transfer point
C43 conveyor	transfer point
C44 conveyor	transfer point
C45 conveyor	transfer point
C46 conveyor	transfer point
RFD vibrating feeders (6)	transfer point
RC1 conveyor	transfer point
RC2 conveyor	transfer point
FEL feed hopper w/feeder	transfer point
RS1 rinse screens (2)	screen
RC3 conveyor	transfer point
RC4 conveyor	transfer point
RC5 conveyor	transfer point
RC6 conveyor	transfer point
RC7 conveyor	transfer point
load-out bins (2)	transfer point
RC8 conveyor	transfer point
RC9 conveyor	transfer point
RC10 conveyor	transfer point
RC11 conveyor	transfer point
AG-Lime belt feeder	transfer point
ALC1 feed conveyor	transfer point
CR5 Stedman crusher (via discharge screw)	crusher
ALC2 conveyor	transfer point
SS1 surge bin	transfer point
Feed Hopper	transfer point

c) Operational Restrictions

- (1) The maximum annual material throughput for this emissions unit shall not exceed 6,000,000 tons based on the material throughput of the primary grizzly feeder.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of material processed through the grizzly feeder of this emissions unit in (a) tons per month and (b) total tons, to date, for the calendar year.
- (2) Except as otherwise provided in this section, for aggregate processing operations that are not adequately enclosed, the permittee shall perform inspections of such operations during representative, normal operating conditions in accordance with the following minimum frequencies:



Effective Date: To be entered upon final issuance

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 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.

The information in d)(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.

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) The permittee shall submit annual reports that summarize the annual material throughput for this emissions unit based on the material throughput of the primary grizzly feeder. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
- (3) The permittee shall submit quarterly deviation (excursion) reports, in accordance with the reporting requirements of the Standard Terms and Conditions of this permit, 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.
- (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.
- 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.

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

f) **Testing Requirements**

- (1) The permittee shall conduct, or have conducted, emission testing for the new crusher and transfer points of emissions units F015 installed under PTI P0106541.
- (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 new equipment will be operated, by not later than 180 days after initial startup of the new equipment 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 specified in b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitations:

Fugitive PE shall not exceed 52.40 tpy.

Fugitive PM10 emissions shall not exceed 18.40 tpy.

Applicable Compliance Method:

The annual particulate emission limitations were developed by multiplying the following emission factors from AP-42 Section 11.19.2 (8/04) by the annual throughput restriction of 6,000,000 tons/year through the grizzly feeder and the corresponding throughput of each additional crusher, screen and transfer point, and then dividing by 2000 pounds/ton:

Aggregate Processing Operation	PE Emission Factor	PM-10 Emission Factor
loading (truck dumping into a feeder, hopper, or crusher)	PE to PM10 relative ratio 2.11:1*	0.000008 lb/ton processed
screening	0.0022 lb/ton processed	0.00074 lb/ton processed
crushing	0.0012 lb/ton processed	0.00054 lb/ton processed
conveyor transfer points	0.00014 lb/ton processed	0.000046 lb/ton processed

*derived from AP-42 Section 13.2.4

Therefore, provided compliance is shown with the annual restriction by means of the monitoring and record keeping requirement in d)(1) and the requirements to apply best and reasonably available control measures to prevent fugitive emissions, it shall be a rebuttable presumption that compliance with the annual fugitive PE and PM10 emission limitations have been attained.

b. Emission Limitation:

Visible emissions shall not exceed 20% opacity, as a 3-minute average for loading operations (rail car loading operations, truck dumping into a feeder, hopper, or crusher).

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60, Appendix A (Standards of Performance for New Stationary Sources") 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 any crusher, at which a capture system is 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 specified in 40 CFR, Part 60, Subpart OOO, Section 60.675.

d. 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 (unless otherwise specified).

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures specified in 40 CFR, Part 60, Subpart OOO, Section 60.675.

e. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere any visible emissions from wet screening operations and subsequent transfer points that process saturated materials.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 22 of 40 CFR, Part 60, Appendix A, and the procedures specified in 40 CFR, Part 60, Subpart OOO, Section 60.675.

g) Miscellaneous Requirements

(1) None.