



State of Ohio Environmental Protection Agency

07/30/07

CERTIFIED MAIL

RE: Final Chapter 3745-35 Permit To Operate

Street Add

Address:  
Center  
x 1049

50 West T

**General Permit**

Hard Rock Crushing, LTD (13-18-95-8444)  
AZI UKSHINI  
14909 ARDEN AVENUE  
LAKEWOOD, OH 44107

Dear AZI UKSHINI:

The enclosed General Permit(s) to Operate allow you to operate the described emissions unit(s) in the manner indicated for each Permit as indicated below:

F001 (CRUSHER W/SCREEN) CRUSHER	Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles tra
F002 (CRUSHER) CRUSHER	Paved roadways and parking areas with less than or equal to 70,000 vehicle mile
F003 (CRUSHER) CRUSHER	Storage piles, including load-in, load-out and wind erosion activities for faci

The permit for each emissions unit identified in the following pages consists of Section 1, Part I (authorization to operate and General Terms and Conditions), and; Section 2, Part II (facility-wide terms for each General Permit), and Part III (the applicable General Permit for the specified emissions unit). Each permit constitutes a separate and enforceable document.

Because each permit contains several terms and conditions, I urge you to read them 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 Compliance Assistance and Pollution Prevention at (800) 329-7518. For more information related to air pollution control in Ohio, visit [www.epa.state.oh.us/dapc](http://www.epa.state.oh.us/dapc).

You are hereby notified that this action of the Director is final 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 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 Cleveland Division of Air Pollution Control.

Sincerely,

*Michael W. Ahern*

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

cc: Cleveland Division of Air Pollution Control



State of Ohio Environmental Protection Agency

### Final General Permit To Operate An Emissions Unit

Effective Date: 07/30/07

Expiration Date: 07/30/12

This document constitutes issuance to:

Facility ID: 13-18-95-8444  
Hard Rock Crushing, LTD  
14909 ARDEN AVENUE  
LAKEWOOD, OH 44107

of a permit to operate for:

Emissions Unit ID & Permittee Description	Applicable General Permit Terms (see attached)
F001 (CRUSHER W/SCREEN) CRUSHER	Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles tra
F002 (CRUSHER) CRUSHER	Paved roadways and parking areas with less than or equal to 70,000 vehicle mile
F003 (CRUSHER) CRUSHER	Storage piles, including load-in, load-out and wind erosion activities for faci

Each permit for each emissions unit identified above consists of Section 1, Part I (authorization to operate and General Terms and Conditions), Section 2, Part II (facility-wide terms for each General Permit), and Part III (the applicable General Permit for the specified emissions unit). Each permit constitutes a separate and enforceable document.

You will be contacted six months prior to the expiration date regarding the renewal of each permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency identified below. Each permit and the authorization to operate the air contaminant source (emissions unit) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC Chapter 3745-35 and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the Ohio EPA District Office or local air agency that is responsible for processing and administering your permit:

Cleveland Division of Air Pollution Control  
1925 St. Clair  
Cleveland, OH 44114  
(216) 664-2324

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski  
Director

## Part I: General Terms and Conditions

### 1. Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

### 2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

### 3. Reporting Requirements Related to Monitoring and Recordkeeping 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 (i.e., post marked) 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.)

### 4. 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 the permit. Such records may be maintained in computerized form.

### 5. 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 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 and federal 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.

**6. 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 unit 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 this emissions unit(s) that is (are) served by such control system(s).

**7. Permit Transfers**

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

**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. Permit Renewal**

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the following Ohio EPA District Office or local air agency which has jurisdiction in the area in which the facility is located:

Cleveland Division of Air Pollution Control  
1925 St. Clair  
Cleveland, OH 44114  
(216) 664-2324

It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

**Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

**A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

**B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:** MGP 02602020706

**PART III - SPECIAL TERMS AND CONDITIONS**

**A. State and Federally Enforceable Section**

**I. 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.

**Operations, Property, and/or Equipment - Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year.**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	7.4 tons/ year of fugitive particulate matter of 10 microns or less (PM10)  25.2 tons/year of fugitive particulate emissions (PE)  no visible PE except for 3 minutes during any 60-minute period  best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See Sections A.I.2.a through A.I.2.f.)
OAC rule 3745-17-07(B)(5) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	(See Sections A.I.2.a through A.I.2.f.)

**2. Additional Terms and Conditions**

- 2.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 unpaved 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.

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

- 2.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.
- 2.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.
- 2.d** Any unpaved roadway or parking area that is subsequently paved, will require a General Permit for paved roadways and parking areas.
- 2.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.
- 2.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.

**II. Operational Restrictions**

None

**III. 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:

<u>unpaved roadways and parking areas</u>	<u>minimum inspection frequency</u>
all roads and parking areas	daily
- 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:

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

- 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 3.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

#### **IV. Reporting Requirements**

1. 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, 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in section A.I.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitations:  
7.4 tons/year of fugitive PM10  
25.2 tons/year of fugitive PE  
  
Applicable Compliance Method:  
Compliance with fugitive PE and PM10 limitations shall be determined by using the emission factor equations in Section 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for unpaved roadways. Should further updates in AP-42 occur, the most current equations for unpaved roads shall be used. These emission limits in the General Permit were based on a maximum of 120,000 vehicle miles traveled per year, and a 95 % control efficiency for PE and PM10.

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

- 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 PE 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").

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

**VI. Miscellaneous Requirements**

None

**Source Description:** Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year  
**MGP Number:**MGP 02602020706

**B. State Only Enforceable Section**

**I. 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.

**Operations, Property, and/or Equipment - Unpaved roadways and parking areas, with a maximum of 120,000 vehicle miles traveled per year.**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

**2. Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Source Description:** Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

**MGP Number:**MGP 02902020706

**Facility Name:** Hard Rock Crushing, LTD

**Facility ID:** 13-18-95-8444

## **Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

### **A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

### **B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

**Source Description:** Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

**MGP Number:** MGP 02902020706

**Facility Name:** Hard Rock Crushing, LTD

**Facility ID:** 13-18-95-8444

## PART III - SPECIAL TERMS AND CONDITIONS

### A. State and Federally Enforceable Section

#### I. 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.

**Operations, Property, and/or Equipment** - Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

<b>Applicable Rules/Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
OAC rule 3745-31-05(A)(3)	8.1 tons/year of fugitive particulate matter of 10 microns or less (PM10)  41.6 tons/year of fugitive particulate emissions (PE)  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 Sections A.I.2.a through A.I.2.f.)
OAC rule 3745-17-07(B)(4) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	(See Sections A.I.2.a through A.I.2.f.)

#### 2. Additional Terms and Conditions

- 2.a The permittee shall employ best available control measures on all paved 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

**Source Description:** Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

**MGP Number:** MGP 02902020706

**Facility Name:** Hard Rock Crushing, LTD

**Facility ID:** 13-18-95-8444

employing other control measures to ensure compliance.

- 2.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 paved 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.
- 2.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.
- 2.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.
- 2.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.

## **II. Operational Restrictions**

None

## **III. 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:

<u>paved roadways and parking areas</u>	<u>minimum inspection frequency</u>
all roads and parking areas	daily
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.

PERMIT NUMBER: 0000000000

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 3.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

#### IV. Reporting Requirements

1. 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, 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

#### V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emission Limitations:  
8.1 tons/year of fugitive PM10  
41.6 tons/year of fugitive PE

Applicable Compliance Method:

Compliance with fugitive PE and PM10 limitations shall be determined by using the emission factor equations in Section 13.2.1, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for paved roadways. Should

**Source Description:** Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

**MGP Number:** MGP 02902020706

**Facility Name:** Hard Rock Crushing, LTD

**Facility ID:** 13-18-95-8444

further updates in AP-42 occur, the most current equations for paved roads shall be used. These emission limits in the General Permit were based on a maximum of 70,000 vehicle miles traveled per year, and a 95 % control efficiency for PE and PM10.

b. Emission Limitation:

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

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR,

Facility Name: Hard Rock Crushing, LTD  
Facility ID: 13-18-95-8444

PERMIT NUMBER: 0000000000

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)(d) of OAC rule 3745-17-03.

**VI. Miscellaneous Requirements**

None

**Source Description:** Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

**MGP Number:** MGP 02902020706

**Facility Name:** Hard Rock Crushing, LTD

**Facility ID:** 13-18-95-8444

**B. State Only Enforceable Section**

**I. 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.

**Operations, Property, and/or Equipment** - Paved roadways and parking areas with less than or equal to 70,000 vehicle miles traveled per year and a silt content less than or equal to 70 g/m<sup>2</sup>

<b>Applicable Rules/Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
None	None

**2. Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

## **Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

### **A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

### **B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

**PART III - SPECIAL TERMS AND CONDITIONS**

**A. State and Federally Enforceable Section**

**I. 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.

**Operations, Property, and/or Equipment** - Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	3.1 tons/year of fugitive particulate matter of 10 microns or less (PM10)  6.4 tons/year of fugitive particulate emissions (PE)  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 Sections A.2.a through A.2.e)
OAC rule 3745-17-07(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-08(B) (applicable only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08)	(See Sections A.2.a through A.2.e)

**2. Additional Terms and Conditions**

- 2.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 application, the permittee has committed to maintain minimal drop heights for stackers and front-loaders, and chemical stabilization/dust suppressants and/or watering/sprinkling systems at sufficient treatment frequencies to ensure compliance.

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

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.

- 2.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.
- 2.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 systems/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.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.
- 2.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 rule 3745-31-05(A)(3).

## II. Operational Restrictions

None

## III. 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

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

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:

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

storage pile identification

minimum load-out 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 wind erosion 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 measures 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 the control measure(s).

The information required in 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 quarter basis within 30 days after the end of each calendar quarter.

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

#### **IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface are of 6 acres  
**MGP Number:**MGP 03301032405

- 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

## V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emissions Limitations:  
3.1 tons/year of fugitive PM10  
6.4 tons/year of fugitive PE  
  
Applicable Compliance Method:  
Compliance with fugitive PE limitations shall be determined by using the emission factor equations in Sections 13.2.4 and 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-in operations, load-out operations, and wind erosion. These emission limits in the General Permit were based on a maximum production of 3,000,000 tons per year, a maximum storage surface area less than or equal to 6 acres, and a 95 % overall control efficiency for PE and PM10.
  - b. Emission Limitation:  
There shall be no visible PE except for a period of time not to exceed one minute in any 60-minute observation period.  
  
Applicable Compliance Method:  
Compliance with the visible PE limitations for the storage piles identified 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").

## VI. Miscellaneous Requirements

None

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface are of 6 acres  
**MGP Number:**MGP 03301032405

**B. State Only Enforceable Section**

**I. 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.

**Operations, Property, and/or Equipment** - Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface are of 6 acres

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
None	None

2. **Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None. %ñ daily

3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

associated with each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
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all	daily
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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 measures 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 the control measure(s).

The information required in 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 quarter basis within 30 days after the end of each calendar quarter.

#### **IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:

**Source Description:** Storage piles, including load-in, load-out and wind erosion activities for facilities with a maximum production of 3,000,000 tons/year and a maximum storage pile surface area of 6 acres  
**MGP Number:** MGP 03301032405

- 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

## **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of the terms and conditions of this permit shall be determined in accordance with the following methods:
  - a. Emissions Limitations:  
3.1 tons/year of fugitive PM10  
6.4 tons/year of fugitive PE  
  
Applicable Compliance Method:  
Compliance with fugitive PE limitations shall be determined by using the emission factor equations in Sections 13.2.4 and 13.2.5,