State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
HANCOCK COUNTY

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: 03-17163
Fac ID: 0332940008
DATE: 9/7/2006

National Lime + Stone
Daniel 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 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

Sincerely,

Michael W. Ahern

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

CC: **USEPA** **NWDO**

FINAL PERMIT TO INSTALL 03-17163

Application Number:	03-17163
Facility ID:	0332940008
Permit Fee:	**$1300**
Name of Facility:	National Lime + Stone
Person to Contact:	Daniel Mapes
Address:	PO Box 120 551 Lake Cascades Parkway Findlay, OH 45839

Location of proposed air contaminant source(s) [emissions unit(s)]:
551 Lake Cascades Parkway
Findlay, **Ohio**

Description of proposed emissions unit(s):
Portable screening plant.

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

Joseph P. Koncelik

Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit-To-Install General Terms and Conditions

1. Monitoring and Related Recordkeeping 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:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. 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:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. 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 appropriate Ohio EPA District Office or local air agency. 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 B.9 below if no deviations occurred during the quarter.

iii. 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 appropriate Ohio EPA District Office or local air agency 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.

iv. If this permit is for an emissions unit located at a Title V facility, then 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.

2. 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 appropriate Ohio EPA District Office or local air agency 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).

3. 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.

4. 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.

5. Severability Clause

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.

6. 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.

7. 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.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any 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. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. 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.

b. 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:

i. 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.

ii. 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.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. 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.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency 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:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. 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.

10. Permit-To-Operate Application

a. If 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).

b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this permit is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 source(s) covered by this permit.

11. 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.

12. 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.

13. Permit-To-Install

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

B. State Only Enforceable Permit-To-Install General Terms and Conditions

1. Compliance Requirements

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.

2. 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 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 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 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., 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.)

3. 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.

4. Authorization To Install or Modify

If applicable, authorization to install or modify any new or existing 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 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.

5. Construction of New Sources(s)

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.

6. 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.

7. 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).

8. Construction Compliance Certification

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) 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.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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.

C. Permit-To-Install Summary of Allowable Emissions

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

Pollutant	Tons Per Year
NOx	6.02
CO	1.30
SO2	0.40
OC	0.47
PM10 (stack)	0.42
PE (Fugitive)	9.66
PM10 (Fugitive)	4.10

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.

Emissions Unit ID: **F001**

Issued: 9/7/2006

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.

Operations, Property, and/or Equipment - (F001) - Paved and Unpaved Roadways

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Paved and unpaved roadways and parking areas: 7.82 tons fugitive particulate emissions (PE)/yr 4.10 tons fugitive particulate matter emissions 10 microns or less in size (PM10)/yr Paved roadways and parking areas: (See A.2.a.) No visible PE, except for one minute during any 60-minute period Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.c, and A.2.e through A.2.i) Unpaved roadways and parking areas: (See A.2.b.) No visible PE except for 3 minutes during any 60-minute period Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d through A.2.i)
OAC rule 3745-17-07(B)	See A.2.j.
OAC rule 3745-17-08(B)	See A.2.j.

2. Additional Terms and Conditions

2.a The paved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

paved roadways: all paved roadways

paved parking areas: all paved parking area

2.b The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways: all unpaved roadways

unpaved parking areas: none

2.c 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 permit application, the permittee has committed to treat the paved roadways and parking areas by watering and sweeping at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other equally-effective control measures to ensure compliance.

2.d 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 permit application, the permittee has committed to treat the unpaved roadways and parking areas with watering and surface improvement at sufficient frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other equally-effective control measures to ensure compliance.

2.e 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 a paved or unpaved 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. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

2.f Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control

measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

2.g 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.h 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.i 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.

2.j The paved and unpaved roadways and parking areas are associated with the portable screening plant (emissions unit P901) permitted under facility ID 0332940008. The emission limitations in Section A.1 above represent the maximum emissions which will be emitted from the roadways and parking areas for any proposed site for relocation of the portable screening plant.

The paved and unpaved roadways and parking areas are associated with a portable source and are subject to the requirements of OAC rule 3745-17-07(B) and 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Best Available Technology (BAT) for the roadways and parking areas, as set forth by the requirements/emissions limitations of this permit under OAC 3745-31-05(A)(3), are more stringent than any requirements/emissions limitations as may be applicable under OAC 3745-17-07(B) and OAC 3745-17-08(B).

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

paved roadways and parking areas	minimum inspection frequency
all	once during each day of operation

unpaved roadways and parking areas	minimum inspection frequency
all	once during each day of operation

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

3. The permittee shall maintain records of the following information:

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

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

   c. the dates the control measures were implemented; and

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

   The information required in 3.d. shall be kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, 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 quarterly 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.

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

E. Testing Requirements

1. 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 Limitations: 7.82 tons fugitive PE/yr and 4.10 tons fugitive PM10/yr

Applicable Compliance Method: Compliance with fugitive PE and PM10 limitations shall be determined by using the emission factor equations in Section 13.2.1 (for paved roadways) and Section 13.2.2 (for unpaved roadways), in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03). Should further updates in AP-42 occur, the most current equations shall be used. These emission limits were based on the maximum vehicle miles traveled per year, and a 90% control efficiency for PE and PM10.

b. Emission Limitation: No visible PE from the paved roadways and parking areas, except for one minute during any 60-minute period.

Applicable Compliance Method:
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"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

c. Emission Limitation: No visible PE from the unpaved roadways and parking areas, except for three minutes during any 60-minute period.

Emissions Unit ID: **F001**

Applicable Compliance Method:
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"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

Emissions Unit ID: **F002**

Issued: 9/7/2006

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.

Operations, Property, and/or Equipment - (F002) - Storage Piles

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	2.42 tons fugitive Particulate Emissions (PE)/yr <u>Load-in and load-out of storage piles:</u> (see A.2.a for identification of storage piles) No visible fugitive PE except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b, A.2.c, and A.2.f) <u>Wind erosion from storage piles:</u> (see section A.2.a for identification of storage piles) No visible fugitive PE except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d through A.2.f)
OAC rule 3745-17-07 (A)	See A.2.g.
OAC rule 3745-17-07 (B)	See A.2.g.

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

Crushed Aggregates
Crushed Hard Construction Debris

2.b 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 permit application, the permittee maintains that the inherent moisture content of the materials involved in the storage pile operation will in many instances be at a level which is more than sufficient to comply with applicable requirements. If at any time the inherent moisture content is not sufficient to meet the above applicable requirements, the permittee has committed to perform sufficient watering at the screening operation that will result in material with a sufficient moisture content that will minimize or eliminate visible emissions of fugitive dust for subsequent storage pile operations. The permittee has also committed to a reduction in drop heights as a control measure.

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

2.c The above-mentioned control measures 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 measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during any such operation until further observation confirms that use of the measures is unnecessary.

2.d 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 permittee's permit application, the permittee has committed to watering the piles as needed and maintenance of a low pile height to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other equally-effective control measures to ensure compliance.

2.e The above-mentioned control measures 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 measures are necessary to ensure compliance with the above-mentioned applicable

requirements. Implementation of the control measures 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.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 requirements of OAC rule 3745-31-05.

2.g The storage piles are associated with the portable screening plant (emissions unit P901) permitted under facility ID 0332940008. The emission limitations in Section A.1 above represent the maximum emissions which will be emitted from the storage pile operations for any proposed site for relocation of the portable screening plant.

The storage piles are associated with a portable source and are subject to the requirements of OAC rule 3745-17-07(B) and 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Best Available Technology (BAT) for the storage piles, as set forth by the requirements/emissions limitations of this permit under OAC 3745-31-05(A)(3), are more stringent than any requirements/emissions limitations as may be applicable under OAC 3745-17-07(B) and OAC 3745-17-08(B).

B. Operational Restrictions

None

C. 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
Crushed Aggregates	Once During Each Day of Operation
Crushed Hard Construction Debris	Once During Each Day of Operation

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

Storage Pile Identification	Minimum Load-Out Inspection Frequency
Crushed Aggregates	Once During Each Day of Operation
Crushed Hard Construction Debris	Once During Each Day of Operation

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
Crushed Aggregates	Once During Each Day of Operation
Crushed Hard Construction Debris	Once During Each Day of Operation

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 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.

7. 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 7.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.

D. Reporting Requirements

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

E. Testing Requirements

1. 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. <u>Emission Limitation:</u>
   2.42 tons fugitive PE/yr

   <u>Applicable Compliance Method:</u>
   The emission limitation was established by combining the emissions from load-in and load-out operations and from wind erosion from each storage pile. The emissions from load-in, load-out, and wind erosion were determined as follows:

   i. Emissions associated with load-in operations were established by multiplying the maximum load-in rate of 750,000 tons of product per year

by the appropriate emission factor from AP-42 section 13.2.4 (1/95) [0.001 lb PE/ton product]* and dividing by 2000 lbs/ton (0.38 tons fugitive PE/yr).

ii. Emissions associated with load-out operations were established by multiplying the maximum load-out rate of 750,000 tons of product per year by the appropriate emission factor from AP-42 section 13.2.4 (1/95) [0.001 lb PE/ton product]* and dividing by 2000 lbs/ton (0.38 tons fugitive PE/yr).

iii. Wind erosion- emissions were established by multiplying a maximum storage pile surface area of 20.27 acre, the appropriate emission factor from USEPA's Control of Open Fugitive Dust Sources (9/88) [9.0 lbs PE/day/acre of product], a maximum operating schedule of 365 days per year and dividing by 2000 and applying a 95% control efficiency. (1.66 ton PE/yr)

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation will be assumed.

*The 0.001 lb PE/ton emission factor is based on a moisture content that takes into account watering of the material at the screening operation, therefore no additional control efficiency has been applied to load-in or load-out operations.

b. Emission Limitation:
No visible fugitive PE, except for a period of time not to exceed one minute during any 60-minute observation period from load-in and load-out of the storage piles

Applicable Compliance Method:
Compliance with the visible emission limitations for the storage pile 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"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

c. Emission Limitation:
No visible fugitive PE except for a period of time not to exceed one minute during any 60-minute observation period from wind erosion.

Applicable Compliance Method:
Compliance with the visible emission 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"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

Emissions Unit ID: **P901**

Issued: 9/7/2006

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.

Operations, Property, and/or Equipment - (P901) - Keestrack Pioneer, model KT 4518-S, 500 tph, portable screening plant with a Deutz model BF4L2012C, diesel fired,122 hp engine.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Emissions from diesel engine: 3.44 lbs nitrogen oxides (NOx) per hour 0.74 lb carbon monoxide (CO) per hour 0.23 lb sulfur dioxide (SO_2) per hour 0.27 lb organic compounds (OC) per hour 0.24 lb particulate matter 10 microns or less in size (PM10) per hour (see A.2.a) Visible particulate emissions (PE) shall not exceed 10% opacity, as a 6-minute average, except during start-up and shutdown. Emissions from screening and material handling operations: 2.42 tons fugitive PE Visible PE restrictions (see A.2.m and A.2.n) Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.j through A.2.l)

OAC rule 3745-31-05(C)	Emissions from diesel engine: 6.02 tons NO_X per rolling, 12-month period 1.30 tons CO per rolling, 12-month period 0.40 ton SO2 per rolling, 12-month period 0.47 ton OC per rolling, 12-month period 0.42 ton PM10 per rolling, 12-month period See A.2.g.
OAC rule 3745-17-11(B)(5)(a)	See A.2.b.
OAC rule 3745-17-07(A)	See A.2.b.
OAC rule 3745-18-06(G)	See A.2.c.
OAC rule 3745-17-07(B)	See A.2.d.
OAC rule 3745-17-08(B)	See A.2.d.
OAC rule 3745-21-07 (B)	See A.2.e.
OAC rule 3745-21-08 (B)	See A.2.e.
OAC rule 3745-23-06(B)	See A.2.f.
40 CFR, Part 60, Subpart OOO	See A.2.h.

2. Additional Terms and Conditions

2.a All PE is considered PM10.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.c This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).

2.d This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Best Available Technology (BAT) for this emissions unit, as set forth by the requirements/emissions limitations of this permit under OAC 3745-31-05(A)(3) are more stringent than any requirements/emissions limitations as may be applicable under OAC 3745-17-07(B) and OAC 3745-17-08(B).

2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.f The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this Permit to Install.

On February 14, 2005, OAC rule 3745-23-06 was rescinded; therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the U.S. EPA approves the revision to OAC rule 3745-23-06, the requirement to satisfy the "latest available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.g This permit establishes the following federally enforceable emission limitations based on the number of hours of operation restriction (See B.1) for purposes of limiting potential to emit (PTE):

i. 6.02 tons NOx per rolling, 12-month period

ii. 1.30 tons CO per rolling, 12-month period;

iii. 0.40 ton SO2 per rolling, 12-month period

iv. 0.47 ton VOC per rolling, 12-month period

v. 0.42 ton PE per rolling, 12-month period

For purposes of federal enforceability, a limitation on OC effectively restricts VOC.

The unrestricted PTE from emissions unit P901 and the associated roadways/parking areas and storage piles does not exceed major source thresholds for Title V or New Source Review. Given the portable nature of this emissions unit, the permittee has requested federally enforceable limitations for the purpose of limiting any combined PTE when this emissions unit (and the associated roadways/parking areas and storage piles) is located at a stationary source or at a source comprised of portable emissions units (see F.4).

2.h The screening operation and associated material handling operations (excluding truck dumping to feeder) is applicable to the requirements of 40 CFR Part 60 Subpart OOO when the emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1). The provisions of 40 CFR Part 60 Subpart OOO do not apply to the screening operation and associated material handling operations when operated as part of a stand-alone screening operation as specified in 60.670(a)(2). Best Available Technology (BAT) for this emissions unit, as set forth by the requirements/emissions limitations of this permit under OAC 3745-31-05(A)(3) are equivalent to or more stringent than any requirements/emissions limitations as may be applicable under 40 CFR Part 60 Subpart OOO.

2.i The processes and material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

Truck Dumping to Feeder (F1)
F1, Feeder
F1 to Primary Screen (S1)
S1, Primary Screen
S1 to Conveyor 1

2.j The permittee shall employ best available control measures for the above-identified processes and material handling operations 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 materials involved in the screening operation and associated material handling operations will in many instances be at a level which is more than sufficient to comply with applicable requirements. If at any

time the inherent moisture content is not sufficient to meet the above applicable requirements, the permittee has committed to perform watering of the screening operation that will result in material with a sufficient moisture content that will minimize or eliminate visible emissions of fugitive dust for the screening operation and subsequent material handling operations.

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

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

2.l 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.

2.m Visible fugitive PE from the material processing equipment when processing concrete materials shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit
front end loader to feeder (F1)	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05 (A) (3)
F1 to primary screen (S1)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
S1, primary Screen	screening	5%	OAC rule 3745-31-05 (A) (3)
C1 to conveyor	transfer point	5%	OAC rule 3745-31-05 (A) (3)

2.n Visible PE from the material processing equipment when processing

non-concrete material shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit
front end loader to feeder (F1)	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05 (A) (3)
F1 to primary screen (S1)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
S1, primary screen	screening	10%	OAC rule 3745-31-05 (A) (3)
C1 to conveyor	transfer point	10%	OAC rule 3745-31-05 (A) (3)

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

2.p The hourly emission limitations represent the potentials to emit for this emissions unit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to ensure compliance with these emission limitations.

B. Operational Restrictions

1. The maximum annual operating hours for emissions unit P901 shall not exceed 3500 hours, based upon a rolling, 12-month summation of monthly number of hours of operation. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the levels specified in the following table:

Month(s)	Maximum Allowable Hours Operated
1	875
1-2	1204
1-3	1533
1-4	1862
1-5	2191

1-6	2520
1-7	2849
1-8	3178
1-9	3500
1-10	3500
1-11	3500
1-12	3500

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hours restriction shall be based upon a rolling 12-month summation of the monthly number operating hours.

2. The permittee shall combust only distillate fuel oil in this emissions unit.

   The oil combusted in this emissions unit shall only be distillate oil (fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils"). The sulfur content of the distillate oil shall contain no more than 0.5 weight percent sulfur.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information for this emissions unit:

   a. the number of hours the emissions unit was in operation;

   b. during the first 12 calendar months of operation following the issuance of this permit, the cumulative number of hours operated;

   c. beginning the first month after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the number of hours operated;

2. Except as otherwise provided in this section, for each material processing and handling operation that is not adequately enclosed, the permittee shall perform inspections of such material processing and handling operations in accordance with the following minimum frequencies:

Material Processing/Handling Operations	Minimum Inspection Frequency
All	Once During Each Day of Operation

3. The above-mentioned inspections shall be performed during representative, normal operating conditions.

4. 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 4.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.

5. For each day during which the permittee burns a fuel other than distillate fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

6. The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction in section B.2. Records of fuel supplier certification shall include the following information:

   a. the name of the oil supplier; and

   b. a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in B.2 above.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which identify the following: exceedances:

   a. Beginning the first month after first 12 calendar months of operation following, all exceedances of the rolling, 12-month restriction of 3500 hours.

   b. For the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable monthly cumulative hours of operation specified in section B.1.

   c. All exceedances of the sulfur content fuel restriction specified in condition B.2.

   These quarterly deviation (excursion) reports shall be submitted in accordance with the General Terms and Conditions of this permit.

2. The permittee shall submit quarterly 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.

These quarterly deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.

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

a. for a 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.

b. 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 after the equipment replacement.

4. 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. The reporting requirements indicated in this section shall be initiated by shall be initiated by the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1).

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:

Emissions Unit ID: **P901**

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

and

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

E. Testing Requirements

1. In the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1), the permittee shall conduct, or have conducted, emission testing for all screening operations and transfer points of emissions units P901. The emissions testing requirements of 40 CFR Part 60 Subpart OOO do not apply to this emissions unit when operated as part of a stand-alone screening operation as specified in 60.670(a)(2).

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 testing time frame indicated in this section shall be initiated by the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1). 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 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 in section A.1 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:
2.42 tons fugitive PE/yr

Applicable Compliance Method:
The annual particulate emission limitation was developed by applying the following emission factors/equations to the associated process weight rates:

Processing Operation	Maximum Process Weight Rate	Emission Factor	Emission Factor Citation
Material Handling (4 - Transfer Points)	1,750,000 tons/yr	0.00014 lb PE/ton	AP-42 Table 11.19.2-2 (6/03)
Screening	1,750,000 tons/yr	0.0022 lb PE/ton	AP-42 Table 11.19.2-2 (6/03)

The maximum annual process weight rate is based on a maximum throughput of 500 tons/hr and an annual operating hours limitation of 3500. Therefore, provided compliance is shown with the annual operating hours limitation and the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation will be assumed.

b. Emission Limitation:
0.24 lb PM10/hr (from diesel engine)

Applicable Compliance Method:
The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit for this emissions unit was established by multiplying the maximum fuel input rate of 0.78 mmBtu/hr and an emission factor of 0.31 lbs/mmBtu [from AP-42, Section 3.3 (10/96)].

Emissions Unit ID: **P901**

If required, the permittee shall demonstrate compliance with the 0.03 gr PM10 limitation by testing in accordance with Methods 201/201A and 202 of 40 CFR Part 51, Appendix M. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

c. Emission Limitation:
3.44 lbs NOx/hr (from diesel engine)

Applicable Compliance Method:
The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit for this emissions unit was established by multiplying the maximum fuel input rate of 0.78 mmBtu/hr and an emission factor of 4.41 lbs/mmBtu [from AP-42, Section 3.3 (10/96)].

If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:
0.74 lb CO/hr (from diesel engine)

Applicable Compliance Method:
The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit for this emissions unit was established by multiplying the maximum fuel input rate of 0.78 mmBtu/hr and an emission factor of 0.95 lbs/mmBtu [from AP-42, Section 3.3 (10/96)].

If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

e. Emission Limitation:
0.23 lb SO2/hr (from diesel engine)

Applicable Compliance Method:
The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit for this emissions unit was established by multiplying the maximum fuel input rate of 0.78 mmBtu/hr and an emission factor of 0.29 lb/mmBtu [from AP-42, Section 3.3 (10/96)].

If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

f. Emission Limitation:
0.27 lb OC/hr (from diesel engine)

Applicable Compliance Method:
The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit for this emissions unit was established by multiplying the maximum fuel input rate of 0.78 mmBtu/hr and an emission factor of 0.35 lb/mmBtu [from AP-42, Section 3.3 (10/96)].

If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 1-4 and 18, 25, or 25A as applicable, of 40 CFR Part 60, Appendix A.

g. Emission Limitations (from diesel engine):
6.02 tons NO_X per rolling, 12-month period
1.30 tons CO per rolling, 12-month period
0.40 ton SO2 per rolling, 12-month period
0.47 ton OC per rolling, 12-month period
0.42 ton PM10 per rolling, 12-month period

Applicable Compliance Method:
The annual emission limitations were established by multiplying the hourly emission limitations by a maximum operating schedule of 3500 hours per rolling, 12-month period and dividing by 2000 lbs/ton. Therefore, provided compliance with the hourly limitations and with the 3500 hours per rolling 12-month period operational restriction is maintained, compliance with the annual limitations shall be assumed.

h. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a 3-minute average for front-end loader dumping.

Applicable Compliance Method:
Compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 (Standards of Performance for New Stationary Sources") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule

3745-17-03.

i. Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from any screen or transfer point, when non-concrete material is processed, any fugitive emissions which exhibit greater than 10% opacity.

Applicable Compliance Method:
Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO as specified in sections E.1. through E.6 above.

j. Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from any screen or transfer point, when concrete material is processed, any fugitive emissions which exhibit greater than 5% opacity.

Applicable Compliance Method:
Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO as specified in sections E.1. through E.6 above.

F. Miscellaneous Requirements

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

   a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

   b. the portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;

   c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Northwest District Office (NWDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

   d. in the NWDO's and the appropriate field office’s judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

   c. the portable emission unit owner has identified the proposed site to Ohio EPA;

   d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

   e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

   f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,

   g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

   Any site approvals issued by the Ohio EPA, pursuant to section VI.2. above, shall be valid for no longer than three years and are subject to renewal.

3. In order for the NWDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the NWDO (347 North Dunbridge Road, Bowling Green, OH 43402) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the NWDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit

calculations for Title V applicability.

The permittee shall include a potential to emit analysis of facility-wide emissions (including the portable sources) for the proposed relocation in the "Notice of Intent to Relocate".

5. The application and enforcement of the provisions of NSPS, as promulgated by the United States 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.