☒ **Synthetic Minor Determination and/or** ☐ **Netting Determination**
Permit To Install: 03-17133

A. Source Description

This permit to install involves three separate emissions units: a portable screen (P901); associated unpaved roadways (F001), and; associated storage piles (F002). The screen is a Powerscreen Chieftain 1800, 500 ton per hour, diesel fired, portable screen with a 0.69 mmBtu maximum input capacity (Deutz BF4M1012C, 109 hp engine. The applicant seeks to voluntarily restrict operating hours of the screen engine to 3640 hrs/yr to reduce potential emissions associated with fuel burning.

B. Facility Emissions and Attainment Status

The unrestricted potential to emit from the screening operations and the associated roadways/parking areas and storage piles does not exceed major source thresholds for Title V or New Source Review. The screening operations and associated roadways and storage piles are portable . Due to the portable nature of this emissions unit, the permittee has requested federally enforceable limitations for the purpose of limiting any combined potential to emit when the screening operations and the associated roadways/parking areas and storage piles are located at a stationary source or at a source comprised of portable emissions units. The potential emissions from the portable emission units are included in any facility potential to emit calculations for Title V applicability.

C. Source Emissions

The permittee has requested federally enforceable emission limitations based on an operational restriction of 3640 hrs/yr for the portable screening operation. Based on the operational restriction the emission limitations from the screening operation would be the following:

5.53 tons NO_X per rolling, 12-month period
1.20 tons CO per rolling, 12-month period
0.36 ton SO2 per rolling, 12-month period
0.44 ton OC per rolling, 12-month period
0.38 ton PM10 per rolling, 12-month period

D. Conclusion

The establishment of an hours of operation restriction will result in federally enforceable emission limitations that will limit the potential to emit from the screening operation.

State of Ohio Environmental Protection Agency

RE: DRAFT PERMIT TO INSTALL **CERTIFIED MAIL**
ALLEN COUNTY

Street Address: Mailing Address: Lazarus Gov. Center
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329

Application No: 03-17133
Fac ID: 0302940003

DATE: 8/17/2006

Bluffton Stone Company, Inc.
Jim Scheub
PO Box 607
Napoleon, OH 43522

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed of final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **$1300** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern

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

CC: **USEPA** **NWDO** **Lima-Allen Regional Planning Commission** **IN**

ALLEN COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **03-17133** FOR AN AIR CONTAMINANT SOURCE FOR
Bluffton Stone Company, Inc.

On 8/17/2006 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Bluffton Stone Company, Inc.**, located at **310 Quarry Drive, Bluffton**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 03-17133:

Portable screen.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Don Waltermeyer, Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402 [(419)352-8461]

DRAFT PERMIT TO INSTALL 03-17133

Application Number:	03-17133
Facility ID:	0302940003
Permit Fee:	**To be entered upon final issuance**
Name of Facility:	Bluffton Stone Company, Inc.
Person to Contact:	Jim Scheub
Address:	PO Box 607 Napoleon, OH 43522

Location of proposed air contaminant source(s) [emissions unit(s)]:
310 Quarry Drive
Bluffton, Ohio

Description of proposed emissions unit(s):
Portable screen.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental

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

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

10. Public Disclosure

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

11. Applicability

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

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available

Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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

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

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

Pollutant	Tons Per Year
NOx	5.53
CO	1.20
SO2	0.36
OC	0.44
PM10 (stack)	0.38
PE (Fugitive)	13.57
PM10 (Fugitive)	5.42

Emissions Unit ID: **F001**

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)	5.91 tons fugitive particulate emissions (PE)/yr 1.81 tons fugitive particulate matter emissions 10 microns or less in size (PM10)/yr 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.b through A.2.g)
OAC rule 3745-17-07(B)	See A.2.h.
OAC rule 3745-17-08(B)	See A.2.h.

2. Additional Terms and Conditions

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

<u>unpaved roadways:</u> all unpaved roadways

<u>unpaved parking areas:</u> all unpaved parking areas

2.b The permittee shall employ best available control measures on all unpaved roadways 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 employ good housekeeping practices and watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control

equally-effective measures to ensure compliance.

2.c 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 an 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.d 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.e 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.f 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.g 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.h The unpaved roadways and parking areas are associated with the portable screening operation (emissions unit P901) permitted under facility ID 0302940003. 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 operation.

The 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:

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 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:
   5.91 tons fugitive PE/yr and 1.81 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 13.2.2 (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 95% control efficiency for PE and PM10.

   b. Emission Limitation:
   No visible PE from the unpaved roadways and parking areas, except for three minutes 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.

F. Miscellaneous Requirements

None

Issued: To be entered upon final issuance
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)	0.47 ton 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:

Emissions Unit ID: **F002**

Main Product Storage Pile

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 permittee's permit application, the permittee has committed to reduction of drop heights and watering the storage piles as needed to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

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 operation (emissions unit P901) permitted under facility ID 0302940003. 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 operation.

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
Main Product Storage Pile	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
Main Product Storage Pile	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
Main Product Storage Pile	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 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.

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 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 Limitation:
0.47 ton fugitive PE/yr

Applicable Compliance Method:
The emission limitation was established by combining the emissions from load-in and load out operations and from wind erosion from each storage pile as listed in the permittee's application and applying a 95% control efficiency for use of best available control measures. Load-in and load-out operation emissions are based on a maximum load-in and load-out rate of 1,820,000 tons per year of product. Wind erosion emissions are based on a maximum storage pile surface area of 0.50 acre as listed in the permit application:

The emission rates were determined as follows:

i. Load-in- emissions associated with load-in operations were established by multiplying the maximum load-in rate of 1,820,000 tons of product per year by the appropriate emission factor from AP-42 section 13.2.4 (1/95) [0.005 lb PE/ton product], applying a 95% control efficiency and dividing by 2000 lbs/ton. (0.23 ton fugitive PE/yr)

ii. Load-out- emissions associated with load-out operations were established by multiplying the maximum load-out rate of 1,820,000 tons of product per year by the appropriate emission factor from AP-42 section 13.2.4 (1/95) [0.005 lb PE/ton product], applying a 95% control efficiency and dividing by 2000 lbs/ton. (0.23 ton fugitive PE/yr)

iii. Wind erosion- emissions were established by multiplying a maximum storage pile surface area of 0.50 acre, the appropriate emission factor

from USEPA's Control of Open Fugitive Dust Sources (9/88) [1.17 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. (0.005 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.

b. Emission Limitation:
No visible fugitive particulate emissions, 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 particulate emissions, 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

Issued: To be entered upon final issuance
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) - Powerscreen Chieftain 1800, 500 ton per hour, no. 2 oil fired, portable screen with a 0.69 mmBtu maximum input capacity and a Deutz BF4M1012C, 109 hp engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

Issued: To be entered upon final issuance

OAC rule 3745-31-05(A)(3)	Emissions from diesel engine: 3.04 lbs nitrogen oxides (NOx) per hour 0.66 lb carbon monoxide (CO) per hour 0.20 lb sulfur dioxide (SO2) per hour 0.24 lb organic compounds (OC) per hour 0.21 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: 7.19 tons fugitive PE 3.61 tons fugitive particulate matter emissions 10 microns or less in size (PM10)/yr 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: 5.53 tons NO_X per rolling, 12-month period 1.20 tons CO per rolling, 12-month period 0.36 ton SO2 per rolling, 12-month period 0.44 ton OC per rolling, 12-month period 0.38 ton PM10 per rolling, 12-month period See A.2.g.
OAC rule 3745-17-11(B)(5)(a)	See A.2.b.

Emissions Unit ID: **P901**

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 particulate matter is 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 an hours of operation restriction (See B.1) for purposes of limiting potential to emit (PTE):

5.53 tons NO_X per rolling, 12-month period

1.20 tons CO per rolling, 12-month period

0.36 ton SO2 per rolling, 12-month period

0.44 ton OC per rolling, 12-month period

0.38 ton PM10 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:

front end loader unloading to feed bin
feed bin to conveyor (Transfer Point 1)
under bin conveyor to main conveyor (Transfer Point 2)
main conveyor to screen (Transfer Point 3)
5' x 16' screen
screen to conveyor (Transfer Point 4)
screen to conveyor (Transfer Point 5)
screen to conveyor (Transfer Point 6)

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 as needed. 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 Description (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit
front end loader unloading to feed bin	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05 (A) (3)
feed bin to conveyor (Transfer Point 1)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
under bin conveyor to main conveyor (Transfer Point 2)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
main conveyor to screen (Transfer Point 3)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
5' x 16' screen	screening	5%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 4)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 5)	transfer point	5%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 6)	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 Description (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit

Emissions Unit ID: **P901**

front end loader unloading to feed bin	transfer point	20% as a 3-minute average	OAC rule 3745-31-05 (A) (3)
feed bin to conveyor (Transfer Point 1)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
under bin conveyor to main conveyor (Transfer Point 2)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
main conveyor to screen (Transfer Point 3)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
5' x 16' screen	screening	10%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 4)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 5)	transfer point	10%	OAC rule 3745-31-05 (A) (3)
screen to conveyor (Transfer Point 6)	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 potential to emit for this emissions unit. Therefore, no 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 3640 hours, based upon a rolling, 12-month summation of operating hours. 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	910
1-2	1252
1-3	1594
1-4	1936

Emissions Unit ID: **P901**

1-5	2278
1-6	2620
1-7	2962
1-8	3304
1-9	3640
1-10	3640
1-11	3640
1-12	3640

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 monthly 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. number of hours operated;

   b. during the first 12 calendar months of operation, 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 deviation (excursion) reports which identify the following: exceedances:

   a. Beginning the first month after the first 12 calendar months of operation following

the issuance of this permit, all exceedances of the rolling, 12-month restriction of 3640 hours;

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

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

These deviation (excursion) reports shall be submitted in accordance with the general terms and conditions of this permit.

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

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

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

These 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:

   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. <u>Emission Limitations:</u>
      7.19 tons fugitive PE/yr
      1.81 tons fugitive PM10)/yr

      <u>Applicable Compliance Method</u>:
      The annual PE limitations were developed by applying the following emission factors/equations to the associated process weight rates:

Emissions Unit ID: **P901**

Processing Operation	Maximum Process Weight Rate	Emission Factor	Emission Factor Citation
Front end loader unloading into feed bin	1,820,000 tons/yr	0.005 lb PE/ton 0.003 lb PM10/ton	AP-42 section 13.2.4 (1/95)
Material handling (5 - transfer points)	1,820,000 tons/yr	0.00014 lb PE/ton 4.6×10^{-5} lb PM10/ton	AP-42 Table 11.19.2-2 (6/03)
Screening	1,820,000 tons/yr	0.0022 lb PE/ton 0.00074 lb PM10/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 restriction of 3640. Therefore, provided compliance is shown with the annual operating hours restriction and the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation shall be assumed.

b. Emission Limitation:
0.21 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 record keeping, 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 0.69 mmBtu/hr and an emission factor of 0.31 lbs/mmBtu [from AP-42, Section 3.3 (10/96)].

If required, the permittee shall demonstrate compliance with the 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:
3.04 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 record keeping, 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 0.69 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:
0.66 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 record keeping, 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 0.69 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:
0.20 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 record keeping, 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 0.69 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:
0.24 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 record keeping, 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 0.69 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):
5.53 tons NO_X per rolling, 12-month period
1.20 tons CO per rolling, 12-month period
0.36 ton SO2 per rolling, 12-month period
0.44 ton OC per rolling, 12-month period
0.38 ton PM10 per rolling, 12-month period

Applicable Compliance Method:
The annual emission limitations above were established by multiplying the hourly emission limitation for each pollutant above by a maximum allowable operating schedule of 3640 hours per rolling, 12-month period, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown the hourly limitation and with the 3640 hours per rolling 12-month period operational restriction, compliance with the annual limitation shall be assumed.

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

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.

Issued: To be entered upon final issuance

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.