State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
SENECA 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: 03-16112
Fac ID: 0374950001
DATE: 9/23/2004

MGQ Aggregates, Inc.
Farley Wood
P.O. Box 130
Old Fort, OH 44861

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

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

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern

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

cc: **USEPA** **NWDO**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 9/23/2004**
Terms and Conditions	**Effective Date: 9/23/2004**

FINAL PERMIT TO INSTALL 03-16112

Application Number:	03-16112
Facility ID:	0374950001
Permit Fee:	**$3800**
Name of Facility:	MGQ Aggregates, Inc.
Person to Contact:	Farley Wood
Address:	P.O. Box 130 Old Fort, OH 44861

Location of proposed air contaminant source(s) [emissions unit(s)]:
PO Box 130
Old Fort, **Ohio**

Description of proposed emissions unit(s):
portable aggregate plant with diesel engines.

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

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon 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
PE (fug)	34.99
PE	1.91
NOx	47.73
SO2	5.19
VOC	2.65
CO	11.44

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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F001 - unpaved roadways and parking areas	OAC rule 3745-31-05 (A)(3)	12.80 tons fugitive particulate emissions (PE)/year There shall be no visible PE from any unpaved roadway and parking area except for a period of time not to exceed three minutes 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 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:

All Unpaved Roadways and Parking Areas

2.b 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 speed reduction, good housekeeping practices, watering, resurfacing, and/or chemical

stabilization, at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control 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 using appropriate dust control measures 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 a visible emission limitation of no visible particulate emissions except for one minute during any 60-minute period.

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 are associated with the portable crushing system permitted under facility ID 0374950001, F003. The emission limitation of 12.80 tons fugitive PE/year represents the maximum emissions which will be emitted from the unpaved roadways for any proposed site for relocation of the portable crushing system.

The roadways are associated with a portable source and are applicable 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. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A)(3).

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 unpaved 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 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 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.

4. 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 4.d 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 deviation reports, in accordance with the General Terms and Conditions of this permit, that identify any of the following occurrences:

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

E. Testing Requirements

1. Compliance with the emission limitations specified 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>
   12.80 tons fugitive PE/year

   <u>Applicable Compliance Method:</u>
   The annual limitation was developed by summing the total emissions from the unpaved parking areas and roadways, and then dividing by 2000 lbs/ton.

   The emission rate was determined as follows:

   i. for unpaved roadways, multiply the appropriate emission factor from AP-42 of 4.19 lbs PE/vehicle mile traveled (VMT) (Chapter 13.2.2.2 - 12/03) by the maximum VMT of 61,058 miles/year, and a control factor of (1 - 0.9)*; and

   ii. for unpaved parking areas, multiply the appropriate emission factor from AP-42 of 1.84 lbs PE/VMT (Chapter 13.2.2.2 - 12/03) by the maximum VMT of 150

miles/year, and a control factor of (1 - 0.9)*.

*The control efficiency for dust suppression is assumed to be 90%.

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

b. Emission Limitation:
There shall be no visible PE from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period.

Applicable Compliance Method:
Compliance with the visible emission limitation specified 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, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

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	Applicable Rules/Requirements	
		OAC rule 3745-17-07 (B)
		OAC rule 3745-17-08 (B)
F002 - material storage piles	OAC rule 3745-31-05 (A)(3)	
load-in and load-out of storage piles (See Section A.2.a for identification of storage piles.)	OAC rule 3745-31-05 (A)(3)	
	OAC rule 3745-17-07 (B)	
	OAC rule 3745-17-08 (B)	
wind erosion from storage piles (See Section A.2.a for identification of storage piles.)	OAC rule 3745-31-05 (A)(3)	

Applicable Emissions Limitations/Control Measures
2.12 tons fugitive particulate emissions (PE)/yr
There shall be no visible 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.)
See A.2.g.
See A.2.g.
There shall be no visible 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.)
See A.2.g.
See A.2.g.

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are all the aggregate piles of crushed limestone (various gradations)

located at the facility.

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 maintains that the inherent moisture content and low silt content of the materials processed/handled is at a level which is more than sufficient to comply with all applicable requirements. If at any time the moisture content and/or low silt content is not sufficient to meet the above applicable requirements, the permittee has committed to watering, as needed. In addition, the permittee has committed to reduce drop heights and to maintain as low of a pile height as possible to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other 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 maintains that the inherent moisture content and low silt content of the materials processed/handled is at a level which is more than sufficient to comply with all applicable requirements. If at any time the moisture content and/or low silt content is not sufficient to meet the above applicable requirements, the permittee has committed to watering, as needed. In addition, the permittee has committed to reduce drop heights and to maintain as low of a pile height as possible to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other 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 crushing system permitted under facility ID 0374950001, F003. The emission limitation of 2.12 tons fugitive PE/yr represents the maximum emissions which will be emitted from the storage piles for any proposed site for relocation of the portable crushing system.

The storage piles are associated with a portable source and are applicable 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. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08(B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A)(3).

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
All Storage Piles	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
All Storage Piles	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
All Storage Piles	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 deviation reports, in accordance with the General Terms and Conditions of this permit, that identify any of the following occurrences:

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

E. Testing Requirements

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

   a. Emission Limitation:
   2.12 tons fugitive PE/year

   Applicable Compliance Method:
   The annual limitation was developed by summing the total emissions from the load-in operations, load-out operations, and wind erosion, and then dividing by 2000 lbs/ton.

   The emission rate was determined as follows:

   i. for load-in operations, multiply the emission factor developed from AP-42 of 0.002 lb PE/ton stone processed (Chapter 13.2.4 - 1/95) by the maximum, annual load-in rate of 1,500,000 tons, and then multiply by a control factor of (1 - 0.9)*;

   ii. for load-out operations, multiply the emission factor developed from AP-42 of 0.002 lb PE/ton stone processed (Chapter 13.2.4 - 1/95) by the maximum, annual load-out rate of 1,500,000 tons, and then multiply by a control factor of (1 - 0.9)*; and

   iii. for wind erosion, multiply the emissions factor developed from USEPA's Control of Open Fugitive Dust Sources (9/98) of 9.07 lbs PE/day/acre by 365 days/year, and a maximum surface area of 11 acres, and then multiply by a control factor of (1 - 0.9)*.

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

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

   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, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

c. Emission Limitation:
There shall be no visible PE, except for a period of time not to exceed one minute during any 60-minute observation period, from wind erosion of the storage piles.

Applicable Compliance Method:
Compliance with the visible emission limitation 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, 1996, 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: **F003**

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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F003 - portable aggregate processing plant with loading, crushing, screening, and conveying	OAC rule 3745-31-05 (A)(3)	20.07 tons fugitive particulate emissions (PE)/year visible PE restrictions (See A.2.f.) best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See A.2.a through A.2.c.) See A.2.d.
	OAC rule 3745-17-07 (B)	See A.2.e.
	OAC rule 3745-17-08 (B)	See A.2.e.
	40 CFR, Part 60, Subpart OOO	visible PE restrictions (See A.2.f .)

2. Additional Terms and Conditions

2.a The permittee shall employ best available control measures for the material processing/handling operations identified below, for the purpose of ensuring compliance with the above mentioned applicable requirements. In accordance with the permit application, the permittee maintains that the inherent moisture content of the materials processed/handled is at a level which is more than sufficient to comply with all applicable requirements. If at anytime the moisture content is not sufficient to meet the above applicable requirements, the permittee shall employ best available control measures to ensure compliance.

material handling operation	control measure(s)
loading	reduced drop height
crushing and screening	water application, if needed
transfer/conveying	water application, if needed

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

2.b For each material 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.c 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.d The requirements of this rule also include compliance with OAC rule 3745-17-07 (B), OAC rule 3745-17-08 (B) and CFR 40 Part 60, Subpart OOO.

2.e This emissions unit is a portable source and is applicable 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. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and 3745-17-08 (B) are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05 and NSPS Subpart OOO.

When the emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08 (B) pursuant to OAC rule 3745-17-08 (A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B)(1) pursuant to OAC rule 3745-17-07 (B)(11)(e).

2.f Visible emissions from the material processing equipment 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 F1 (vibrating feeder)	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05
F1	screen	10%	NSPS, Subpart OOO
F1 to MC1 (conveyor)	transfer point	10%	NSPS, Subpart OOO
F1 to MCR1 (crusher)	transfer point	15%	NSPS, Subpart OOO
MCR1	crusher	15%	NSPS, Subpart OOO
MCR1 to MC1	transfer point	15%	NSPS, Subpart OOO
MC1 to MS1 (screen)	transfer point	10%	NSPS, Subpart OOO
MS1	screen	10%	NSPS, Subpart OOO
MS1 to MCR2	transfer point	15%	NSPS, Subpart OOO
MCR2	crusher	15%	NSPS, Subpart OOO
MCR2 to MC2	transfer point	15%	NSPS, Subpart OOO
MC2 to MC3	transfer point	10%	NSPS, Subpart OOO
MS1 to MC4	transfer point	10%	NSPS, Subpart OOO
MC4 to MC5	transfer point	10%	NSPS, Subpart OOO
MC4 to MC16	transfer point	10%	NSPS, Subpart OOO
MC16 to MCR3	transfer point	15%	NSPS, Subpart OOO
MCR3	crusher	15%	NSPS, Subpart OOO
MCR3 to MC17	transfer point	15%	NSPS, Subpart OOO
MC17 to MC18	transfer point	10%	NSPS, Subpart OOO
MC18 to MC3	transfer point	10%	NSPS, Subpart OOO
MC3 to MC1	transfer point	10%	NSPS, Subpart OOO
MS1 to MC6	transfer point	10%	NSPS, Subpart OOO
MC6 to MC7	transfer point	10%	NSPS, Subpart OOO
MC7 to MC8	transfer point	10%	NSPS, Subpart OOO
MS1 to MC9	transfer point	10%	NSPS, Subpart OOO
MC9 to MC10	transfer point	10%	NSPS, Subpart OOO
MC10 to MS2	transfer point	10%	NSPS, Subpart OOO
MS2	screen	10%	NSPS, Subpart OOO
MS2 to MC12	transfer point	10%	NSPS, Subpart OOO
MS2 to MC13	transfer point	10%	NSPS, Subpart OOO
MS2 to MC14	transfer point	10%	NSPS, Subpart OOO

2.g 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.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

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

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

3. 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.

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 measure(s);

   c. the dates the control measure(s) was (were) implemented; and

   d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

   The information in 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.

D. Reporting Requirements

1. The permittee shall submit deviation reports, in accordance with the General Terms and Conditions of this permit, that identify any of the following occurrences:

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

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

2. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR, Part 60, Subpart OOO, including the reports of opacity observations using Method 9 to demonstrate compliance with this subpart.

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 crusher, grinding mill, bucket elevator, bagging operations, or enclosed truck or railcar loading station:

      i. the rated capacity, in tons per hour, of the existing facility being replaced, and

      ii. the rated capacity, in tons per hour, of the replacement equipment;

   b. for a conveyor belt:

      i. the width of the existing belt being replaced, and

      ii. the width of the replacement conveyor belt; and

   The notification shall be submitted 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:

   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

5. The permittee shall submit annual reports that identify the amount of material processed through the feeder of this emissions unit, in tons per year. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for all transfer points, screens, and crushers of emissions unit F003.

2. Testing shall be conducted in accordance with the provisions of 40 CFR Part 60, Subpart A, Section 60.8 and 40 CFR Part 60, Subpart OOO, Section 60.675.

3. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, by 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. (This emissions unit has already been installed and is currently operational. Therefore, the permittee shall conduct emission testing within 90 days after the final issuance of this permit.)

4. The following test methods shall be employed to demonstrate compliance with the allowable

visible emissions rates:

a. Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.

5. The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Division of Air Pollution Control. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Division of Air Pollution Control. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operation parameters, the times and dates of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA District Office's air agency's refusal to accept the results of the emission tests.

6. Personnel from the Ohio EPA District Office's air agency shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions unit and /or the performance of the control equipment. A comprehensive written report on the emissions tests shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Division of Air Pollution Control within 30 days following completion of the tests.

7. Compliance with the emissions limitations specified in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation:</u>
20.07 tons fugitive PE/year

<u>Applicable Compliance Method:</u>
The annual PE limitation was established by multiplying the sum of fugitive PE from the crushing, screening, and transfer operations associated with this emissions unit by the maximum hourly operating rate of 8760 hrs/year, and then dividing by 2000 lbs/ton.

The emission rate was determined as follows:

i. for each crusher (3), multiply the appropriate emission factor from AP-42 of 0.0012 lb PE/ton processed (Chapter 11.19.2 - 1/95) by the maximum hourly throughput of the crusher;

ii. for each screen (3), multiply the appropriate emission factor from AP-42 of 0.0018 lb PE/ton processed (Chapter 11.19.2 - 1/95) by the maximum hourly throughput

of the screen; and

iii. for each transfer point (25), multiply the appropriate emission factor from AP-42 of 0.00001 lb PE/ton processed (Chapter 11.19.2 - 1/95) by the maximum hourly throughput of the transfer point.

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

b. Emission Limitation:
Visible PE shall not exceed 20% opacity, as a 3-minute average during loading operations of the feeder.

Applicable Compliance Method:
If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 (Standards of Performance for New Stationary Sources") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

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

Applicable Compliance Method:
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.

d. Emission Limitation:
The permittee shall not cause to be discharged into the atmosphere from any transfer point or screen any fugitive emissions which exhibit greater than 10% opacity.

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 emissions 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 F.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. The "Notice of Intent to Relocate" shall also include any other associated emission units, such as storage piles, roadways, and the engine.

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".

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	Applicable Rules/Requirements	
P001 - 7.33 mmBtu/hr portable diesel engine (CAT 3508)	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-17-11 (B)(5)(b)
		OAC rule 3745-18-06 (G)
		OAC rule 3745-23-06 (B)
		OAC rule 3745-21-08 (B)
		OAC rule 3745-21-07 (B)
	OAC rule 3745-31-05 (C)	
	OAC rule 3745-17-07 (A)	

Applicable Emissions Limitations/Control Measures	
23.46 lbs nitrogen oxides (NO_x)/hour	See A.2.e.
6.23 lbs carbon monoxide (CO)/hour 5.85 tons CO/year	
0.66 lbs volatile organic compounds (VOC)/hour 0.62 ton VOC/year	
3.67 lbs sulfur dioxide (SO_2)/hour 3.52 tons SO_2/year	
0.44 ton particulate emissions (PE)/year	
Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown.	
See A.2.a and B.1.	
22.50 tons NOx per rolling, 12-month period (See A.2.b.)	
See A.2.c.	
0.062 lb PE/mmBtu	
See A.2.d.	
See A.2.e.	
See A.2.e.	

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05 (C) and OAC rule 3745-17-11 (B)(5)(a).

2.b The emissions of NOx from this emissions unit shall not exceed 22.50 tons per rolling 12-month period based on a fuel usage restriction (see Section B.2). The 22.50 tons NOx per year is a federally enforceable limitation established for purposes of limiting the potential to emit to avoid Title V applicability.

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

2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and 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.

B. Operational Restrictions

1. 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.

2. The maximum annual fuel usage for emissions unit P001 shall not exceed 100,450 gallons, based upon a rolling, 12-month summation of the gallon usage. 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 Fuel Usage
1	8,371
1-2	16,742
1-3	25,113
1-4	33,484
1-5	41,855
1-6	50,226
1-7	58,597
1-8	66,968
1-9	75,339
1-10	83,710
1-11	92,081
1-12	100,450

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual fuel usage limitation shall be based upon a rolling 12-month summation of fuel usage.

C. Monitoring and/or Recordkeeping Requirements

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

2. The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction specified in Section B.1. Records of fuel supplier certification shall include the following information:

   i. the name of the oil supplier; and

   ii. a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in B.1 above.

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

   a. fuel usage each month, in gallons;

   b. during the first 12 calendar months of operation, the cumulative fuel usage, in gallons;

   c. beginning the first month after the first 12 calendar months of operation, the rolling, 12-month summation of the fuel usage, in gallons;

   d. the calculated monthly emission rate for NO_x using the following equation:

      NO_x emissions in tons = (fuel usage) x (emission factor from AP-42, Chapter 3.4, Table 3.4-1) x (heat content of fuel used) (1 ton/2000 lbs) = (C.3.a) x (3.2 lbs NO_x/mmBtu) x (0.140 mmBtu/gal) x (1 ton/2000 lbs); and

   e. beginning the first month after the 12 calendar months of operation, the rolling, 12-month summation of the emission rate for NO_x, in tons.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports, in accordance with the General Terms and Conditions of this permit, which identify the following exceedances:

   a. the rolling, 12-month gallon fuel usage limitation;

   b. the rolling, 12-month NO_x emissions;

   c. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative gallons of fuel; and

   d. sulfur content fuel restriction specified in Section B.1.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

Emissions Unit ID: **P001**

1. Compliance with the emission limitations specified in Section A.1 of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:
23.46 lbs NO_x/hr and 22.50 tons NO_x per rolling, 12-month period.

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 3.2 lbs NO_x/mmBtu derived from AP-42, Table 3.4-1 (revised 10/96) and a maximum heat input of 7.33 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 7 of 40 CFR Part 60, Appendix A.

Compliance with the rolling, 12-month limit shall be demonstrated in accordance with the recordkeeping requirements specified in Section C.3.

b. Emission Limitation:
6.23 lbs CO/hr and 5.98 tons CO/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.85 lb CO/mmBtu derived from AP-42, Table 3.4-1 (revised 10/96) and a maximum heat input of 7.33 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 10 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission factor of 0.85 lb CO/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 100,450 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

c. Emission Limitation:
0.66 lb VOC/hour and 0.63 ton VOC/year

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.09 lb VOC/mmBtu derived from AP-42, Table 3.4-1 (revised 10/96) and a maximum heat input of 7.33 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25 or 25A of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission factor of 0.09 lb VOC/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage

of 100,450 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

d. Emission Limitation:
0.062 lb PE/mmBtu and 0.44 ton PE/yr

Applicable Compliance Method:
The lbs PE/mmBtu 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 was determined using AP-42, Chapter 3.4, Table 3.4-2 (revised 10/96).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission limitation of 0.062 lb PE/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 100,450 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

e. Emission Limitation:
3.74 lbs SO_2/hr and 3.59 ton SO_2/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.51 lb SO_2/mmBtu derived from AP-42, Table 3.4-1 (revised 10/96) and a maximum heat input of 7.33 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 6 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission limitation of 0.51 lb SO_2/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 100,450 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

f. Emission Limitation:
Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown.

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance in accordance with Method 9 of 40 CFR Part 60, Appendix A.

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 this section, 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 following terms and conditions are federally enforceable: A.1, B.2, C.3, D.1, E.1.a.

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	Applicable Rules/Requirements	
P002 - 3.01 mmBtu/hr portable diesel engine (Cummins N14-p)	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-17-11 (B)(5)(a)
		OAC rule 3745-18-06 (G)
		OAC rule 3745-23-06 (B)
		OAC rule 3745-21-08 (B)
		OAC rule 3745-21-07 (B)
	OAC rule 3745-31-05 (C)	
	OAC rule 3745-17-07 (A)	

Applicable Emissions Limitations/Control Measures
13.27 lbs nitrogen oxides (NO_x)/hour
2.86 lbs carbon monoxide (CO)/hour 4.19 tons CO/year
1.05 lbs volatile organic compounds (VOC)/hour 1.54 tons VOC/year
0.87 lb sulfur dioxide (SO_2)/hour & 1.28 tons SO_2/year
1.37 ton particulate emissions (PE)/year
Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown
See A.2.a and B.1.
19.45 tons NOx per rolling, 12-month period (See A.2.b.)
See A.2.c.
0.310 lb PE/mmBtu
See A.2.d.
See A.2.e.
See A.2.e.
See A.2.e.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05 (C) and OAC rule 3745-17-11 (B)(5)(a).

2.b The emissions of NOx from this emissions unit shall not exceed 19.45 tons per rolling 12-month period based on a fuel usage restriction (see Section B.2). The 19.45 tons NOx per year is a federally enforceable limitation established for purposes of limiting the potential to emit to avoid Title V applicability.

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

2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and 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.

B. Operational Restrictions

1. 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.

2. The maximum annual fuel usage for emissions unit P002 shall not exceed 63,000 gallons, based upon a rolling, 12-month summation of the gallon usage. 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 Fuel Usage
1	5,250
1-2	10,500
1-3	15,750
1-4	21,000
1-5	26,250
1-6	31,500
1-7	36,750
1-8	42,000
1-9	47,250
1-10	52,500
1-11	57,750
1-12	63,000

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual fuel usage limitation shall be based upon a rolling 12-month summation of fuel usage.

C. Monitoring and/or Recordkeeping Requirements

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

2. The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction specified in Section B.1. Records of fuel supplier certification shall include the following information:

   i. the name of the oil supplier; and

   ii. a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil specified in Section B.1 above.

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

   a. fuel usage each month, in gallons;

   b. during the first 12 calendar months of operation, the cumulative fuel usage, in gallons;

   c. beginning the first month after the first 12 calendar months of operation, the rolling, 12-month summation of the fuel usage, in gallons;

   d. the calculated monthly emission rate for NO_x using the following equation:

      NO_x emissions in tons = (fuel usage) x (emission factor from AP-42, Chapter 3.3, Table 3.3-1) x (heat content of fuel used) (1 tons/2000 lbs) = (C.3.a) x (4.41 lbs NO_x/mmBtu) x (0.140 mmBtu/gal) x (1 ton/2000 lbs); and

   e. beginning the first month after the 12 calendar months of operation, the rolling, 12-month summation of the emission rate for NO_x, in tons.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports, in accordance with the General Terms and Conditions of this permit, which identify the following exceedances:

   a. the rolling, 12-month gallon fuel usage limitation;

   b. the rolling, 12-month NO_x emissions;

   c. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative gallons of fuel; and

   d. sulfur content fuel restriction specified in Section B.1.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitations specified in Section A.1 of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:
13.27 lbs NO_x/hr and 19.45 tons NO_x per rolling, 12-month period.

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 4.41 lbs NO_x/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 3.01 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 7 of 40 CFR Part 60, Appendix A.

Compliance with the rolling, 12-month limit shall be demonstrated in accordance with the recordkeeping requirements specified in Section C.3.

b. Emission Limitation:
2.86 lbs CO/hr and 4.19 tons CO/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.95 lb CO/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 3.01 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 10 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission factor of 0.95 lb CO/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 63,000 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

c. Emission Limitation:
1.05 lbs VOC/hour and 1.54 tons VOC/year

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.35 lb VOC/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 3.01 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25 or 25A of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission factor of 0.35 lb VOC/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 63,000 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

d. Emission Limitation:
0.310 lb PE/mmBtu and 1.37 tons PE/yr

Applicable Compliance Method:
The lbs PE/mmBtu 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 was determined using AP-42, Chapter 3.3, Table 3.3-1 (revised 10/96).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission limitation of 0.310 lb PE/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 63,000 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

e. Emission Limitation:
0.87 lb SO_2/hr and 1.28 tons SO_2/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.29 lb SO_2/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 3.01 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 6 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission limitation of 0.29 lb SO_2/mmBtu, a heat content of 0.140 mmBtu/gal, and a maximum annual gallon usage of 63,000 gallons, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the rolling, 12-month fuel usage restriction, compliance with the annual limitation will be assumed.

f. Emission Limitation:
Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance in accordance with Method 9 of 40 CFR Part 60, Appendix A.

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 this section, 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 following terms and conditions are federally enforceable: A.1, B.2, C.3, D.1, E.1.a.

Emissions Unit ID: **P003**

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	Applicable Rules/Requirements	
P003 - 0.30 mmBtu/hr portable diesel engine (Perkins)	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-23-06 (B) OAC rule 3745-21-08 (B) OAC rule 3745-21-07 (B)
	OAC rule 3745-17-07 (A)	
	OAC rule 3745-17-11 (B)(5)(a)	
	OAC rule 3745-18-06 (G)	

Applicable Emissions
Limitations/Control Measures

1.32 lbs nitrogen oxides (NO_x)/hour
5.78 tons NO_x/year

0.29 lb carbon monoxide (CO)/hour
1.27 tons CO/year

0.11 lb volatile organic compounds (VOC)/hour
0.48 ton VOC/year

0.09 lb sulfur dioxide (SO_2)/hour &
0.39 ton SO_2/year

0.39 ton particulate emissions (PE)/year

Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown

See A.2.a and B.1.

See A.2.b.

0.310 lb PE/mmBtu

See A.2.c.

See A.2.d.

See A.2.d.
See A.2.d.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11 (B)(5)(a).

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 The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and 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.

B. Operational Restrictions

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

2. The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction specified in Section B.1. 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 specified in Section B.1 above.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports, in accordance with the General Terms and Conditions of this permit, which identify any exceedances of the sulfur content fuel restriction specified in Section B.1.

2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than distillate oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitations specified in Section A.1 of this permit shall be determined in accordance with the following methods:

   a. <u>Emission Limitation:</u>
   1.32 lbs NO_x/hr and 5.78 tons NO_x per rolling, 12-month period.

   <u>Applicable Compliance Method:</u>
   Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 4.41 lbs NO_x/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 0.30 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 7 of 40 CFR Part 60, Appendix A.

   The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

   b. <u>Emission Limitation:</u>
   0.29 lb CO/hr and 1.27 tons CO/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.95 lb CO/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 0.30 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 10 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

c. Emission Limitation:
0.11 lb VOC/hour and 0.48 ton VOC/year

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.35 lb VOC/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 0.30 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 18, 25 or 25A of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

d. Emission Limitation:
0.310 lb PE/mmBtu and 0.39 ton PE/yr

Applicable Compliance Method:
The lbs PE/mmBtu 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 was determined using AP-42, Chapter 3.3, Table 3.3-1 (revised 10/96).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

Emissions Unit ID: **P003**

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

e. Emission Limitation:
0.09 lb SO_2/hr and 0.39 ton SO_2/yr

Applicable Compliance Method:
Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.29 lb SO_2/mmBtu derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum heat input of 0.30 mmBtu/hr. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 6 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore provided compliance is shown with the hourly limitation, compliance with the annual limitation will be assumed.

f. Emission Limitation:
Visible PE shall not exceed 10% opacity as a 6-minute average, except during start-up and shutdown.

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance in accordance with Method 9 of 40 CFR Part 60, Appendix A.

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 this section, 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".