State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
LUCAS 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: 04-01425
Fac ID: 0448960005
DATE: 9/8/2005

Hanson Aggregates Mideast, Inc.
Robert Snyder
8130 Brint Road
Sylvania, OH 43560

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, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: **USEPA** **TDES**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 9/8/2005**
Terms and Conditions	**Effective Date: 9/8/2005**

FINAL PERMIT TO INSTALL 04-01425

Application Number:	04-01425
Facility ID:	0448960005
Permit Fee:	**$200**
Name of Facility:	Hanson Aggregates Mideast, Inc.
Person to Contact:	Robert Snyder
Address:	8130 Brint Road Sylvania, OH 43560

Location of proposed air contaminant source(s) [emissions unit(s)]:
8130 Brint Road
Sylvania, **Ohio**

Description of proposed emissions unit(s):
Caterpillar Portable Generator Model 3508.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Joseph P. Koncelik

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

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

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

10. Public Disclosure

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

11. Applicability

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

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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

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

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

Pollutant	Tons Per Year
NOx	31.23
CO	13.22

SO2	9.72
PE	1.68
VOC	1.71

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 - Caterpillar Portable Generator Model 3508	OAC rule 3745-31-05(A)(3)	
		OAC rule 3745-17-07(A)(1)
		OAC rule 3745-17-11(B)(5)(b)
		OAC rule 3745-18-06(G)
		OAC rule 3745-21-07(B)
		OAC rule 3745-21-08(B)
		OAC rule 3745-23-06(B)
	OAC rule 3745-31-02	

Applicable Emissions Limitations/Control Measures	
The emissions of carbon monoxide (CO) shall not exceed 4.42 pounds per hour.	See Section II.B.2 below.
Particulate emissions (PE) shall not exceed 0.56 pound per hour.	See Section II.A.2.b.
The emissions of nitrogen oxides (NOx) shall not exceed 10.44 pounds per hour.	Particulate emissions shall not exceed 0.062 pound per mmBtu of actual heat input.
The emissions of sulfur dioxide (SO2) shall not exceed 3.25 pounds per hour.	See Section II.A.2.f.
The emissions of volatile organic compounds (VOC) shall not exceed 0.57 pound per hour.	Emissions shall not exceed 0.5 pound SO2 per mmBtu actual heat input.
Visible emissions of particulate shall not exceed 10% opacity as a six-minute average.	See section II.A.2.c.
See Section II.A.2.a.	See section II.A.2.d.
Emissions shall not exceed, as a rolling, 12-month summation: 13.22 tons CO 31.23 tons NOx 1.68 tons PE 9.72 tons SO2 1.71 tons VOC	See section II.A.2.e.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1), OAC rule 3745-17-11(B)(5)(a), OAC rule 3745-18-06(G), OAC rule 3745-21-07(B), OAC rule 3745-21-08(B), and OAC rule 3745-23-06(B).

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

2.d The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by complying with all applicable rules.

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 revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

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

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

2.f This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

B. Operational Restrictions

1. The permittee shall only combust diesel fuel, containing equal to or less than 0.5% sulfur, by weight, in the emissions unit.

2. The maximum number of operating hours for emissions unit P001 shall not exceed 5,984 hours as a rolling, 12-month summation. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the operating hours specified in the following table:

Month(s)	Maximum Cumulative Operating Hours
1-1	720
1-2	1440
1-3	2160
1-4	2880
1-5	3600
1-6	4320
1-7	5040
1-8	5760
1-9	5984
1-10	5984
1-11	5984
1-12	5984

After the first 12 calendar months of operation following the startup of emissions unit P001, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

3. The permittee shall utilize injection timing retard as a NOx control method.

4. The stack discharge height for the portable generator unit, P001 (Caterpillar 3508), shall not be less than twenty feet above grade on which the generator or its support structure rests.

C. Monitoring and/or Recordkeeping Requirements

Emissions Unit ID: **P001**

1. The permittee shall maintain monthly records of the following information:

   a. The hours of operation for P001 for each month;

   b. During the first 12 calendar months of operation following the issuance of this permit, the cumulative hours of operation, calculated by adding the current month's operating hours to the hours for each calendar month since the issuance of this permit; and

   c. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation, calculated by adding the current month's operating hours to the operating hours for the preceding eleven calendar months.

2. The permittee shall maintain documentation on the sulfur content of all fuels received.

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

4. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;
   b. whether the emissions are representative of normal operations;
   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
   d. the total duration of any visible emission incident; and
   e. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1 The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel, containing equal to or less than 0.5% sulfur, by weight, was combusted in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

2. The permittee shall submit semi-annual deviation (excursion) reports which identify the following:

   a. For the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation;

   b. Any exceedances of the rolling, 12-month hours of operation limitation; and,

   c. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions.

   These deviation (excursion) reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

3. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

   a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

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

      ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;

      iii. the applicant has provided proper notice of intent to relocate the portable

emissions unit to the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

iv. in the City of Toledo, Division of Environmental Services and the appropriate field office's (having jurisdiction over the new site) judgment, the proposed site is acceptable under OAC rule 3745-15-07.

b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(A)(3) are met:

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

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

iii. the portable emissions unit owner has identified the proposed site to the Ohio EPA;

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

v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;

vi. the owner of the proposed site has provided the Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and subject to renewal.

In order for the City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of a portable 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 City of Toledo, Division of Environmental Services and the appropriate field office having jurisdiction over the new site. Upon receipt of this notice, the City of Toledo, Division of Environmental Services, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation

of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

E. Testing Requirements

Compliance with the emission limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

1. Emission Limitation:

Visible emissions of particulate from the stack shall not exceed 10% opacity as a six-minute average.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

2. Emission Limitation:

The emissions of CO shall not exceed 4.42 pounds per hour.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time emissions calculation multiplying the emission factor listed in AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4.1. Gaseous Emission Factors for Large Stationary Diesel and All Stationary Duel Fuel Engines, dated 10/96, (0.0055 lb CO/hp-hr) by the maximum rated capacity of P001 (803 hp) as follows:

(0.0055 lb CO/hp-hr)(803 hp) = 4.42 lbs CO/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-4 and Method 10 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

3. Emission Limitation:

The emissions of CO shall not exceed 13.22 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly CO emission rate by the total number of hours operated per rolling, 12-month period, and dividing by 2,000 lbs/ton.

4. <u>Emission Limitation:</u>

The emissions of NOx shall not exceed 10.44 pounds per hour.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time emissions calculation multiplying the emission factor listed in AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4.1. Gaseous Emission Factors for Large Stationary Diesel and All Stationary Duel Fuel Engines, dated 10/96, (0.013 lb NOx/hp-hr) by the maximum rated capacity of P001 (803 hp) as follows:

(0.013 lb NOx/hp-hr)(803 hp) = 10.44 lbs NOx/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-4 and Method 7 of 40 CFR, Part 60 Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

5. Emission Limitation:

The emissions of NOx shall not exceed 31.23 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly NOx emission rate by the total number of hours operated per rolling, 12-month period, and dividing by 2,000 lbs/ton.

6. Emission Limitation:

Particulate emissions shall not exceed 0.062 pound per mmBtu of actual heat input.

Applicable Compliance Method:

Compliance shall be determined by a one-time emissions calculation based on the emission factor of 0.062 lb/mmBtu specified in AP-42, Table 3.4-2, dated 10/96.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

7. Emission Limitation:

The emissions of PE shall not exceed 0.56 pound per hour.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time emissions calculation multiplying the emission factor listed in AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4.1. Gaseous Emission Factors for Large Stationary Diesel and All Stationary Dual Fuel Engines, dated 10/96, (0.0007 lb PE/hp-hr) by the maximum rated capacity of P001 (803 hp) as follows:

(0.0007 lb PE/hp-hr)(803 hp) = 0.56 lb PE/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

8. Emission Limitation:

The emissions of PE shall not exceed 1.68 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly PE emission rate by the total number of hours operated per rolling, 12-month period, and dividing by 2,000 lbs/ton.

9. Emission Limitation:

Emissions shall not exceed 0.5 pound SO2 per mmBtu actual heat input.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through fuel sampling and analysis performed in accordance with Methods 1-4 and Method 19 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-18-04(E)(3).

10. Emission Limitation:

The emissions of SO2 shall not exceed 3.25 pounds per hour.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time emissions calculation multiplying the emission factor listed in AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4.1. Gaseous Emission Factors for Large Stationary Diesel and All Stationary Duel Fuel Engines, dated 10/96, (0.00809 lb SO2/hp-hr) by the maximum allowable sulfur content (0.5%) and the maximum rated capacity of P001 (803 hp) as follows:

(0.00809 lb SO2/hp-hr)(0.5 percent Sulfur)(803 hp) = 3.25 lbs SO2/hr

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1-4 and Method 6 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-18-04. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

11. Emission Limitation:

The emissions of SO2 shall not exceed 9.72 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly SO2 emission rate by the total number of hours operated per rolling, 12-month period, and dividing by 2,000 lbs/ton.

12. Emission Limitation:

The emissions of VOC shall not exceed 0.57 pound per hour.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time emissions calculation multiplying the emission factor listed in AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4.1. Gaseous Emission Factors for Large Stationary Diesel and All Stationary Duel Fuel Engines, dated 10/96, (0.000705 lb VOC/hp-hr) by the maximum rated capacity of P001 (803 hp) as follows:

(0.000705 lb VOC/hp-hr)(803 hp) = 0.57 lb VOC

If required, the permittee shall demonstrate compliance with the emission limitation through emission testing performed in accordance with Methods 1-4 and Method 25 of

40 CFR Part 60, Appendix A, using the methods and procedures specified in OAC rule 3745-21-10. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

13. Emission Limitation:

The emissions of VOC shall not exceed 1.71 tons as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly VOC emission rate by the total number of hours operated per rolling, 12-month period, and dividing by 2,000 lbs/ton.

F. Miscellaneous Requirements

None