



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
TUSCARAWAS COUNTY**

**CERTIFIED MAIL**

Street Address:

50 West Town Street, Suite 700

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 06-05729**

**Fac ID: 0679010304**

**DATE: 5/29/2008**

OMEGA JV2 Dover Diesel Peaking Sta.  
Randy Meyer  
2600 Airport Drive  
Columbus, OH 43219

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

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

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Sincerely,

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

CC: USEPA

SEDO



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**Permit To Install  
Terms and Conditions**

**Issue Date: 5/29/2008  
Effective Date: 5/29/2008**

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**FINAL PERMIT TO INSTALL 06-05729**

Application Number: 06-05729  
Facility ID: 0679010304  
Permit Fee: **\$600**  
Name of Facility: OMEGA JV2 Dover Diesel Peaking Sta.  
Person to Contact: Randy Meyer  
Address: 2600 Airport Drive  
Columbus, OH 43219

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**2995 Progress St.  
Dover, Ohio**

Description of proposed emissions unit(s):  
**Administrative modification for PTI 06 05729 to revise heat input and emissions parameter information.**

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

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Chris Korleski  
Director

OMEGA JV2 Dover Diesel Peaking Sta.  
PTI Application: 06-05729  
Issued: 5/29/2008

Facility ID: 0679010304

## 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 (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### 3. 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

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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)**

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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.

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**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

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	12.12
SO <sub>2</sub>	9.90
CO	36.60
VOC	10.56
NOx	79.26

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**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

- 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 - P001 - Diesel generator Unit 1, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>
OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

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OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC 3745-21-08(B)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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 maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation. Compliance with the annual limitation shall be based upon the permittee's past records.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
- a. the diesel fuel usage for each month; and,
  - b. the rolling, twelve-month summation of the diesel fuel usage rates.

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**Facility ID: 0679010304**

**Emissions Unit ID: P001**

2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**E. Testing Requirements**

1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.

Applicable Compliance Method

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

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$$(0.062 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

### 3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

#### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

### 4. Emission Limitation

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

#### Applicable Compliance Method

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of [(1.01 x % S) lb/million Btu] from AP-42, Table 3.4-1, as shown in the calculations below.

Emissions Unit ID: **P001**

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

##### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

$$(3.77 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 6.10 \text{ TPY}$$

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

##### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$

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$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

**F. Miscellaneous Requirements**

None

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**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

- 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 - P002 - Diesel generator Unit 2, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>

OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC 3745-21-08(B)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a.** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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 maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.  
***Compliance with the annual limitation shall be based upon the permittee's past records.***

## C. Monitoring and/or Recordkeeping Requirements

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

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- a. the diesel fuel usage for each month; and,
  - b. the rolling, twelve-month summation of the diesel fuel usage rates.
2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**E. Testing Requirements**

1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons

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per year.

Applicable Compliance Method

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

$$(0.062 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

4. Emission Limitation

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

Applicable Compliance Method

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of [(1.01 x % S) lb/million Btu] from AP-42, Table 3.4-1, as shown in the calculations below.

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

$$(3.77 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 6.10 \text{ TPY}$$

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

**Issued: 5/29/2008**Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$

$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

**F. Miscellaneous Requirements**

None

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

- 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 - P003 - Diesel generator Unit 3, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>
OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Issued: 5/29/2008

OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC 3745-21-08(B)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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 maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation. Compliance with the annual limitation shall be based upon the permittee's past records.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
- the diesel fuel usage for each month; and,
  - the rolling, twelve-month summation of the diesel fuel usage rates.

2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

#### D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

#### E. Testing Requirements

1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

##### Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.

##### Applicable Compliance Method

**Issued: 5/29/2008**

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

$$(0.062 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb})$$

$$= 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

### 3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

#### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

### 4. Emission Limitation

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

#### Applicable Compliance Method

Issued: 5/29/2008

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of  $[(1.01 \times \% S) \text{ lb/million Btu}]$  from AP-42, Table 3.4-1, as shown in the calculations below.

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

##### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

$$(3.77 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 6.10 \text{ TPY}$$

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

##### Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum

**OMEGA JV2 Dover Diesel Peaking Sta.**

DTL Application: 06 05720

**Facility ID: 0679010304**Emissions Unit ID: **P003**

emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$

$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

#### Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

#### **F. Miscellaneous Requirements**

None

Issued: 5/29/2008

**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 - P004 - Diesel generator Unit 4, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>

OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
(B OAC 3745-21-08)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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 maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation. Compliance with the annual limitation shall be based upon the permittee's past records.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
- a. the diesel fuel usage for each month; and,

- b. the rolling, twelve-month summation of the diesel fuel usage rates.
2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

#### D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

#### E. Testing Requirements

##### 1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

##### Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

##### 2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.

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Applicable Compliance Method

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

$$(0.031 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb})$$

$$= 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

4. Emission Limitation

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

Applicable Compliance Method

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of [(1.01 x % S) lb/million Btu] from AP-42, Table 3.4-1, as shown in the calculations below.

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

$$(3.77 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 6.10 \text{ TPY}$$

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

Applicable Compliance Method

**Issued: 5/29/2008**

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$
$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

**F. Miscellaneous Requirements**

None

Issued: 5/29/2008

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

- 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 - P005 - Diesel generator Unit 5, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>

OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC 3745-21-08(B)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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 maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation. Compliance with the annual limitation shall be based upon the permittee's past records.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain records of the following information:
- a. the diesel fuel usage for each month; and,

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- b. the rolling, twelve-month summation of the diesel fuel usage rates.
2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**E. Testing Requirements**

1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.

Applicable Compliance Method

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

$$(0.062 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb})$$

$$= 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

4. Emission Limitation

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

Issued: 5/29/2008

Applicable Compliance Method

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of [(1.01 x % S) lb/million Btu] from AP-42, Table 3.4-1, as shown in the calculations below.

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

$$(3.77 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 6.10 \text{ TPY}$$

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

Applicable Compliance Method

OMEGA JV2 Dover Diesel Peaking Sta.

DTL Application: 06 05720

Facility ID: 0679010304

Emissions Unit ID: P005

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$

$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

#### 7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

#### Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

#### F. **Miscellaneous Requirements**

None

Issued: 5/29/2008

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

- 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 - P006 - Diesel generator Unit 6, Caterpillar Model 3516B having a nominal heat input of 20.2 million Btu per hour. (Administrative modification to PTI #06-5729 issued on July 14, 1999)**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.</p> <p>Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.65 tons per year. See additional terms and conditions 2.a. below.</p> <p>Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.</p> <p>VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.</p> <p>Nitrogen Oxide emissions shall not exceed 49.00 lbs/hr nor 79.26 tons per year, as a rolling, 12-month summation.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-05(C), 3745-17-07(A) and OAC 3745-21-08(B).</p>
OAC rule 3745-31-05(C) Synthetic Minor to avoid Prevention of Significant Deterioration (PSD) and Title V requirements	<p>The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.</p> <p>See additional terms and condition B.1. below.</p>

Issued: 5/29/2008

OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(5)(b)	The emission limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC 3745-21-08(B)	See additional terms and condition 2.b. below.

## 2. Additional Terms and Conditions

- 2.a** The permittee shall burn only No. 2 diesel fuel containing less than 0.05 percent sulfur by weight.
- 2.b** The permittee has satisfied 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

- The maximum annual diesel fuel usage for emissions units P001, P002, P003, P004, P005, and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation. Compliance with the annual limitation shall be based upon the permittee's past records.

## C. Monitoring and/or Recordkeeping Requirements

- The permittee shall maintain records of the following information:

- a. the diesel fuel usage for each month; and,
  - b. the rolling, twelve-month summation of the diesel fuel usage rates.
2. For each day during which the permittee burns a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

#### D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify any exceedance of the rolling twelve month diesel fuel usage limitation. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
2. The permittee shall also submit annual reports which specify the total nitrogen oxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than number two fuel oil containing less than 0.05 percent sulfur by weight was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

#### E. Testing Requirements

##### 1. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

##### Applicable Compliance Method

If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.

##### 2. Emission Limitation

Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input nor 2.02 tons per year.

Issued: 5/29/2008

Applicable Compliance Method

Compliance has been determined by stack testing similar units. The average emission rate from 17 such tests was 0.625 lb/hr. Emissions have been calculated as follows.

$$(0.625 \text{ lb/hr}) / (20.2 \text{ million Btu/hr}) = 0.031 \text{ lb/million Btu}$$

$$(0.031 \text{ lb/million Btu})(20.2 \text{ million Btu/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb})$$

$$= 2.02 \text{ TPY}$$

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

3. Emission Limitation

The nitrogen oxides emissions from this emissions unit or the total nitrogen oxides from emission Units P001, P002, P003, P004, P005 and P006 at this facility shall not exceed 79.26 TPY based on a rolling 12-month summation.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 47.69 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(47.69 \text{ lb/hr})(1875/1825) = 49.00 \text{ lb/hr}$$

$$(49.00 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 79.26 \text{ TPY}$$

If required, nitrogen oxides emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

4. Emission Limitation

Emissions Unit ID: P006

Sulfur Dioxide emissions shall not exceed 1.02 lb/hr or 1.62 tons per year.

Applicable Compliance Method

Diesel fuel containing less than 0.05 percent sulfur by weight is used. Compliance has been determined by use of the emission factor of [(1.01 x % S) lb/million Btu] from AP-42, Table 3.4-1, as shown in the calculations below.

$$[(1.01 \times \% 0.05) \text{ lb/million Btu}](20.2 \text{ million Btu/hr}) = 1.02 \text{ lb/hr}$$

$$(1.02 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.65 \text{ TPY}$$

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

5. Emissions Limitation

Carbon Monoxide emissions shall not exceed 3.77 lbs/hr nor 6.10 tons per year.

Applicable Compliance Method

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 3.67 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(3.67 \text{ lb/hr})(1875/1825) = 3.77 \text{ lb/hr}$$

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If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

6. Emission Limitation

VOC emissions shall not exceed 1.09 lbs/hr nor 1.76 tons per year.

Applicable Compliance Method

**Issued: 5/29/2008**

Compliance has been determined by using the manufacturer's guaranteed maximum emission rate of 1.06 lb/hr. Since the engine has been found to operate at an output above the rated maximum, this emission rate has been increased proportionally. Emissions have been calculated as follows.

$$(1.06 \text{ lb/hr})(1875/1825) = 1.09 \text{ lb/hr}$$
$$(1.09 \text{ lb/hr})(460,000 \text{ gal/yr}) / (142.2 \text{ gal/hr})(0.0005 \text{ ton/lb}) = 1.76 \text{ TPY}$$

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

7. Operational Restriction

The maximum annual diesel fuel usage for each emissions unit or P001, P002, P003, P004, P005 and P006 combined shall not exceed 460,000 gallons per year based upon a rolling, twelve-month summation.

Applicable Compliance Method

Compliance shall be determined by the monitoring and recordkeeping in Section C.1. of this permit.

**F. Miscellaneous Requirements**

None