Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Certified Mail

8/16/2011

Randy Meyer
OMEGA JV5 Wadsworth Station
1111 Schrock Road, Suite 100
COLUMBUS, OH 43229

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
Yes	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1652100085
Permit Number: P0108196
Permit Type: Renewal
County: Medina

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director 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, made payable to “Ohio Treasurer Josh Mandel," 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

If you have any questions, please contact Akron Regional Air Quality Management District at (330)375-2480 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: ARAQMD

Response to Comments

Response to comments for: Permit-To-Install and Operate

Facility ID:	1652100085
Facility Name:	OMEGA JV5 Wadsworth Station
Facility Description:	Municipal electric power generating facility
Facility Address:	975 Airport Drive Wadsworth, OH 44281 Medina County
Permit #:	P0108196, Renewal
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the Medina County Gazette on 07/13/2011. The comment period ended on 08/12/2011.	
Hearing date (if held)	NA
Hearing Public Notice Date (if different from draft public notice)	NA

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

No Comments Received.

Ohio | Environmental Protection Agency

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
OMEGA JV5 Wadsworth Station

Facility ID:	1652100085
Permit Number:	P0108196
Permit Type:	Renewal
Issued:	8/16/2011
Effective:	8/16/2011
Expiration:	8/16/2016

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install and Operate
for
OMEGA JV5 Wadsworth Station

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Authorization

Facility ID: 1652100085
Application Number(s): A0041775
Permit Number: P0108196
Permit Description: Renewal FEPTIO for three 17.5 MMBtu/hr diesel-fired electric generators.
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 8/16/2011
Effective Date: 8/16/2011
Expiration Date: 8/16/2016
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

OMEGA JV5 Wadsworth Station
975 Airport Drive
Wadsworth, OH 44281

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308
(330)375-2480

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

Authorization (continued)

Permit Number: P0108196
Permit Description: Renewal FEPTIO for three 17.5 MMBtu/hr diesel-fired electric generators.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Group Name: Diesel Generators

Emissions Unit ID:	**B001**
Company Equipment ID:	WA1
Superseded Permit Number:	P0101888
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B002**
Company Equipment ID:	WA2
Superseded Permit Number:	P0101888
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**B003**
Company Equipment ID:	WA3
Superseded Permit Number:	P0101888
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

  You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Akron Regional Air Quality Management District in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting[1] a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

[1]Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) The Ohio EPA has determined that this facility is subject to the requirements of 40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (Area Source RICE MACT). Although Ohio EPA has determined that this area source MACT (also known as the GACT) applies, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised, that all requirements associated with this rule are in effect and shall be enforced by U.S. EPA. For more information on the area source rules, please refer to the follow U.S. EPA website: http://www.epa.gov/ttn/atw/area/arearules.html.

C. Emissions Unit Terms and Conditions

1. Emissions Unit Group -Diesel Generators: B001,B002,B003,

EU ID	Operations, Property and/or Equipment Description
B001	Caterpillar model 3516A, large stationary internal combustion (17.5 MMBtu/hr) diesel engine (2568 BHP) electric generating unit (1800 kW). Company ID: WA-1
B002	Caterpillarmodel 3516A,large stationary internal combustion (17.5 MMBtu/hr)diesel engine (2568 BHP) electric generating unit (1800 kW). Company ID: WA-2
B003	Caterpillar model 3516A, large stationary internal combustion (17.5 MMBtu/hr) diesel engine (2568 BHP) electric generating unit (1800 kW). Company ID: WA-3

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b., b)(2)c., c)(1), c)(2), d)(1), d(2), e)(2), and f)(1)f.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), PTI 16-01366 issued 12/07/1994	0.062 pound of particulate emissions per million British thermal unit (0.062 lb PE/MMBtu), 1.09lbs PE/hr and 0.63ton PE/yr. See b)(2)a. 0.30 pound of sulfur dioxide per million Btu (0.30 lb SO_2/MMBtu),5.25lbs SO_2/hr and 3.05tons SO_2/yr. See b)(2)a. 0.80 pound of carbon monoxide per million Btu (0.80 lb CO/MMBtu), 14.0lbs CO/hrand 8.13 tons CO/yr.See b)(2)a. 0.30 pound of volatile organic compounds per million Btu (0.30 lb VOC/MMBtu),5.25lbsVOC/hr and 3.05 tons

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		VOC/yr. See b)(2)a. 10.14 grams of nitrogen oxides per horsepower-hour (10.14 g NO_X/hp-hr) and 57.40lbs NO_X/hr Visible PE from the exhaust stack serving this emissions unit shall not exceed5% opacity as a 6-minute average. See b)(2)b.
b.	OAC rule 3745-31-05(D), Synthetic Minor to avoid Title V	Facility-wide NO_X emissions shall not exceed 99.9tons per rolling, 12-month period. See b)(2)c., c)(1) and c)(2)
c.	OAC rule 3745-17-07(A)	See b)(2)d.
d.	OAC rule 3745-17-11(B)(5)(b)	0.062 lbPE/MMBtuof actual heat input
e.	OAC rule 3745-18-06(G)	See b)(2)d.
f.	OAC rule 3745-110-03(F)	Exempt. See b)(2)e.

(2) Additional Terms and Conditions

a. Thehourly emission limitationsare greater than or equal to the potentials to emit for each emissions unit, as determined from the application. Therefore, no associated monitoring, record keeping, or reporting requirements is necessary to ensure ongoing compliance with theses emission limitations.

b. Visible PE shall not exceed 5% opacity, as a 6-minute average, except for a 1-hour period during start-up of the engine. Visible PE during this 1-hour start-up period shall not exceed 20% opacity, as a 6-minute average.

c. The facility-wide NO_X emissions shall not exceed 99.9 tons per year, based upon a rolling, 12-month summation of the monthly NO_X emissions from emissions units B001, B002, and B003, combined. This federally enforceable limitation is based on the maximum annual operating hours and diesel fuel usage restrictions under c)(1) and c)(2) of this permit, and is being established for the purposes of avoiding Title V major source applicability.

These emissions units have been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summations of operating hours and diesel fuel usage upon issuance of this permit.

d. The emission control requirements of this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).

e. Pursuant to OAC rule 3745-110-03(J)(20), the requirements of this rule shall not apply to any affected source whose utilization is less than ten percent of its

capacity factor on an annual average basis over a three-year rolling period and less than twenty percent of its capacity factor in any year of the three-year rolling period.

c) Operational Restrictions

(1) The maximum annual operating hours for each emissions unit shall not exceed 1161 hours, based upon a rolling, 12-month summation of operating hours.

(2) The maximum annual diesel fuel oil usage for each emissions unit shall not exceed 144,777 gallons, based upon a rolling, 12-month summation of fuel oil usage.

(3) The permittee shall burn only low sulfur diesel fuel, containing less than 0.05% sulfur, by weight, in these emissions units.

(4) The engine of each emissions unit shall be equipped with a timer for recording the hours of operation.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall record the following information each month for each emissions unit:

a. the total operating time, in hours;

b. the rolling, 12-month summation of the monthly operating time, in hours;

c. the totaldiesel fuel usage, in gallons; and

d. the rolling, 12-month summation of the monthly fuel usage rate, in gallons.

(2) The permittee shall record the following information each month for emissions units B001, B002, and B003, combined:

a. the total NO_X emissions, in tons; and

b. the rolling, 12-month summation of NO_X emissions, in tons.

(3) For each day a fuel other than the low-sulfur diesel fuel specified in c)(3) is burned, the permittee shall maintain a record of the type and quantity of fuel burned in these emissions units.

(4) The permittee shall maintain records of the fuel oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below:

a. Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate, in lbs/MMBtu. The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745 18

04(F)(2). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, or may be represented by single or multiple pipeline deliveries from the same supplier's batch, and the quality of the oil for those loads or pipeline deliveries may be represented by a single batch analysis from the supplier.

b. Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in this emissions unit for each day when the emissions unit is in operation. If additional fuel oil is added to the tank serving this emissions unit on a day when the emissions unit is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the fuel oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when this emissions unit is only operated for the purpose of "test firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test firing, the permittee's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate, in lbs/MMBtu. The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745 18 04(F)(2).

(5) At a minimum, annually, the permittee shall perform, or require the supplier to perform, the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods, such as D240 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter and D4294, Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectrometry, or equivalent methods as approved by the Director (appropriate Ohio EPA District Office or local air agency). The results of these analyses must be maintained in the facility's files for a period of not less than five years.

e) Reporting Requirements

(1) The reports contained in this permit shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.Unless other arrangements have been approved by the Director(appropriate Ohio EPA District Office or local air agency), all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

(2) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

i. all exceedances of the rolling, 12-month restriction on the hours of operation for each emissions unit;

ii. all exceedances of the rolling, 12-month restriction on the fuel oil usage for each emissions unit;

iii. all exceedances of the rolling, 12-month emission limitation for NO_X;

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

(3) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

The permittee shall include the following information in the annual PER:

a. any time an emissions unit's utilization is greater than or equal to ten percent of its capacity factor on an annual average basis over a three-year rolling period, orgreater than or equal to twenty percent of its capacity factor in anyyear of the three-year rolling period; and

b. any day a fuel other than the low-sulfur diesel fuel specified in c)(3) is burned in these emissions units.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emissions Limitations:</u>

0.062 lbPE/MMBtu actual heat input

1.09 lbs PE/hr and 0.63 ton PE/yr

<u>Applicable Compliance Methods:</u>

Compliance with the hourly PE limitation identified above shall be demonstrated by multiplying the emission limitation of 0.062 lb PE/MMBtu actual heat input by the emissions unit's maximum rated heat input capacity of 17.5 MMBtu/hr.

If required, the permittee shall demonstrate compliance with the hourly and lb/MMBtuPE limitations based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10) and Methods 1- 5 of 40 CFR Part 60, Appendix A.

The annual emission limitationwas established by multiplying the hourly allowable emission limitation by the annual operating restriction of 1,161 hrs/yr,and a conversion factor of 1 ton/2,000 lbs/ton. Therefore, compliance with the annual emission limitation shall be demonstrated provided compliance is maintained with the hourly limit and the restriction on the annual number of hours of operation.

b. Emissions Limitations:

0.30 lb SO_2/MMBtu actual heat input

5.25 lbs SO_2/hr and 3.05 tons SO_2/yr

Applicable Compliance Methods:

Compliance with the hourly SO_2emission limitation identified above shall be demonstrated by multiplying the emission limitation of 0.30lbSO_2/MMBtu actual heat input by the emissions unit's maximum rated heat input capacity of 17.5 MMBtu/hr.

If required, the permittee shall demonstrate compliance with the hourly and lb/MMBtuSO_2 limitations based on the results of emission testing conducted inaccordance with OAC rule 3745-08-04(F)(2) and Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

The annual emissions limit was established by multiplying the hourly allowable emissions limit by the annual operating restriction of 1,161 hrs/yrand a conversion factor of 1 ton/2,000 lbs/ton.Therefore, compliance with the annual emission limitation shall be demonstrated provided compliance is maintained with the hourly limit and the restriction on the annual number of hours of operation.

c. Emissions Limitations:

0.80 lb CO/MMBtu actual heat input

14.0 lbs CO/hr and 8.13 tons CO/yr

Applicable Compliance Methods:

Compliance with the hourly CO emission limitation identified above shall be demonstrated by multiplying the emission limitation of 0.80 lb CO/MMBtu actual heat input by the emissions unit's maximum rated heat input capacity of 17.5 MMBtu/hr.

If required, the permittee shall demonstrate compliance with the hourly and lb/MMBtuCO limitations based on the results of emission testing conducted inaccordance with Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

The annual emissions limit was established by multiplying the hourly allowable emissions limit by the annual operating restriction of 1,161 hrs/yrand a conversion factor of 1 ton/2,000 lbs/ton.Therefore, compliance with the annual emission limitation shall be demonstrated provided compliance is maintained with the hourly limit and the restriction on the annual number of hours of operation.

d. Emissions Limitations:

0.30 lb VOC/MMBtu actual heat input

5.25 lbs VOC/hr and 3.05 tons VOC/yr

Applicable Compliance Methods:

Compliance with the hourly VOC emission limitation identified above shall be demonstrated by multiplying the emission limitation of 0.30 lb VOC/MMBtu actual heat input by the emissions unit's maximum rated heat input capacity of 17.5 MMBtu/hr.

If required, the permittee shall demonstrate compliance with the hourly and lb/MMBtuVOC limitations based on the results of emission testing conducted inaccordance with Methods 1-4 and 25 or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

The annual emissions limit was established by multiplying the hourly allowable emissions limit by the annual operating restriction of 1,161 hrs/yrand a conversion factor of 1 ton/2,000 lbs/ton.Therefore, compliance with the annual emission limitation shall be demonstrated provided compliance is maintained with the hourly limit and the restriction on the annual number of hours of operation.

e. Emissions Limitations:

10.14 g NO_X/hp-hr and 57.40 lbs NO_X/hr

Applicable Compliance Methods:

Compliance with the hourly NO_Xemission limitation identified above shall be demonstrated by multiplying 10.14 g NO_X/hp-hr by the emissions unit's maximum rated output of 2568 hp and a conversion factor of 1 lb/453.59 g.

If required, the permittee shall demonstrate compliance with the hourly and g/hp-hr NO_X limitations based on the results of emission testing conducted inaccordance with Methods 1-4 and7E of 40 CFR Part 60, Appendix A.

f. Emissions Limitation:

Facility-wide NO_X emissions shall not exceed 99.9 tons per rolling, 12-month period

Applicable Compliance Method:

Compliance with the annual NO_X emission limitation identified above shall be demonstrated by the monitoring and recordkeeping requirements in d).

g. Emissions Limitations:

Visible PE shall not exceed 5% opacity, as a 6-minute average

Visible PE shall not exceed 20% opacity as a 6-minute average during 1-hr start-up period

Applicable Compliance Methods:

Compliance with the stack visible PE limitationsidentified aboveshall be demonstrated through visible emissions observations performed in accordance with OAC rule 3745-17-03(B)(1) and Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions units' maximum annual emissions for each toxic compound will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified federally enforceable permit-to-install and operate (FEPTIO) prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, which cause the emissions of any pollutant that has a listed TLV to increase above 1.0 ton per year may require the permittee to apply for and obtain a new permit.