



1/23/2014

Certified Mail

DAVID BOWERS
BOWERS ASPHALT & PAVING, INC
6157 WALBRIDGE RD
WALBRIDGE, OH 45465

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

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0387040084
Permit Number: P0115287
Permit Type: Initial Installation
County: Wood

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO 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
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging 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 Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael W. Ahern, Manager

Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NWDO



Response to Comments

Facility ID:	0387040084
Facility Name:	BOWERS ASPHALT & PAVING, INC
Facility Description:	Highway and Street Construction
Facility Address:	6157 WALBRIDGE RD WALBRIDGE, OH 43465 Wood County
Permit:	P0115287, Permit-To-Install and Operate - Initial Installation
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the TheSentinel-Tribune on 12/23/2013. The comment period ended on 01/22/2014.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

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



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
BOWERS ASPHALT & PAVING, INC**

Facility ID:	0387040084
Permit Number:	P0115287
Permit Type:	Initial Installation
Issued:	1/23/2014
Effective:	1/23/2014
Expiration:	8/26/2018



Division of Air Pollution Control
Permit-to-Install and Operate
for
BOWERS ASPHALT & PAVING, INC

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Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

Authorization

Facility ID: 0387040084
Application Number(s): A0048630
Permit Number: P0115287
Permit Description: 2.16 mmBtu/hr diesel-fired generator
Permit Type: Initial Installation
Permit Fee: \$400.00
Issue Date: 1/23/2014
Effective Date: 1/23/2014
Expiration Date: 8/26/2018
Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

BOWERS ASPHALT & PAVING, INC
6157 WALBRIDGE RD
WALBRIDGE, OH 43465

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

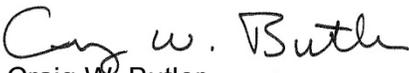
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

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

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


Craig W. Butler
Interim Director



Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

Authorization (continued)

Permit Number: P0115287
Permit Description: 2.16 mmBtu/hr diesel-fired generator

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

Emissions Unit ID:	P003
Company Equipment ID:	Plant generator
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 of this permit 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 [DO/LAA] 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 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 emission 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.

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



Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

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.



Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

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) None.
2. The permittee is advised that this facility may be subject to the "Generally Available Control Technology" (GACT) requirements under 40 CFR Part 63, Subpart ZZZZ, and the National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines. The U.S. EPA is responsible for the administration of the requirements of this rule at this time. It should be noted that the enforcement authority of the GACT requirements is not delegated to Ohio EPA at the time of this permit processing. The complete requirements of this rule (including the Part 63 General Provisions) may be accessed via the Internet from the Electronic code of Federal Regulations (e-CFR) website <http://www.ecfr.gov/> or by contacting the appropriate Ohio EPA District Office or Local Air Agency.



Final Permit-to-Install and Operate
BOWERS ASPHALT & PAVING, INC
Permit Number: P0115287
Facility ID: 0387040084
Effective Date: 1/23/2014

C. Emissions Unit Terms and Conditions



1. P003, Plant generator

Operations, Property and/or Equipment Description:

2.16 mmBtu/hr diesel fired generator

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)c., b)(2)e., c)(1), d)(1), e)(1).

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), as effective 11/30/01	0.55 lb Carbon Monoxide (CO)/hr and 2.41 tons CO/yr See b)(2)a., b)(2)b., b)(2)c, and b)(2)h.
b.	OAC rule 3745-31-05(A)(3), as effective 12/1/06	See b)(2)d.
c.	OAC rule 3745-31-05(D)	3.2 lbs Nitrogen Oxides (NOx)/mmBtu heat input & 8.29 tons NOx/rolling, 12-month period See b)(2)e.
d.	OAC rule 3745-17-07(A)	See b)(2)f.
e.	OAC rule 3745-17-11(B)(5)(b)	0.062 lb PE/mmBtu
f.	OAC rule 3745-18-06(G)	See b)(2)g.



(2) Additional Terms and Conditions

- a. Emissions from particulate matter less than 10 microns in size (PM₁₀), Volatile Organic Compounds (VOC) and sulfur dioxide (SO₂) have been determined to be negligible, therefore, no limits are being established for these pollutants under OAC rule 3745-31-05(A)(3) at this time.

Negligible emissions are based on the following emissions calculations using AP-42 Table 3.4-1 emission factors and a maximum heat input of 2.16 mmBtu/hr:

SO₂ – EF = 1.01(S) where S=0.0015% EF = 0.002 lb SO₂/mmBtu
(0.002 lb SO₂/mmBtu)(2.16 mmBtu/hr)(8760 hrs/yr)(1 ton/2000 lbs) = 0.02 ton SO₂/yr

PM₁₀ – EF = 0.062 lb PM₁₀/mmBtu
(0.062 lb PM₁₀/mmBtu)(2.16 mmBtu/hr)(8760 hrs/yr)(1 ton/2000 tons) = 0.59 ton PM₁₀/yr

VOC – EF = 0.09 lb VOC/mmBtu
(0.09 lb VOC/mmBtu)(2.16 mmBtu/hr)(8760 hrs/yr)(1 ton/2000 lbs) = 0.85 ton VOC/yr

- b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).
- c. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC rule 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 Changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by 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 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

It should be noted that the requirements established pursuant to OAC rule 3745-31-05(D) will remain applicable after the above SIP revisions are approved by U.S.EPA.

- d. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the NO_x emissions from this air contaminant source since the potential to emit (PTE) for NO_x, is less than 10 tons per year taking into consideration the federally enforceable restrictions established under OAC rule 3745-31-05(D).



The potential to emit NOx for this emissions unit is 8.29 tons NOx/yr and was determined by multiplying a maximum fuel usage of 36,000 gallons/yr, by an emissions factor of 3.2 lbsNOx/mmBtu (AP-42 section 3.4-1 [10/96]), by a heat content of 0.144 Btu/gallon and dividing by 2000 lbs/ton.

In addition, the BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the CO emissions from this air contaminant source since the uncontrolled PTE for CO is less than 10 tons/yr.

The potential to emit CO for this emissions unit is 2.41 tons CO/yr and was determined by multiplying a maximum heat input rate of 2.16 mmBtu/hr, by an emissions factor of 0.85 lb CO/mmBtu (AP-42 section 3.4-1 [10/96]), applying a 70% reduction based on a federal rule requirement, multiplying by 8760 hrs/yr, and dividing by 2000 lbs/ton.

- e. This permit establishes a federally enforceable emission limitation of 8.29 tons NOx per rolling, 12-month period for the purposes of avoiding Title V applicability. The federally enforceable emission limitation is based on the fuel usage restriction specified in c)(1).
- f. Visible particulate emissions (PE) shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
- g. This emissions unit is exempt from the requirements of OAC rule 3745-18-06, pursuant to OAC rule 3745-18-06(B).
- h. The hourly and annual NOx emission limitations established pursuant to BAT are equivalent to the limitations established pursuant to OAC rule 3745-31-05(D).

c) Operational Restrictions

- (1) The maximum annual fuel usage for emissions unit P003 shall not exceed 36,000 gallons per year, based on a rolling, 12-month summation of the gallon usage.

To ensure enforceability during the first 12 calendar months of operation under the provision of this permit, the permittee shall not exceed the fuel usage levels specified in the following table:

Months	Maximum Allowable Cumulative Fuel Usage (Gallons)
1	7,200
1-2	14,400
1-3	21,600
1-4	28,800
1-5	36,000



Months	Maximum Allowable Cumulative Fuel Usage (Gallons)
1-6	36,000
1-7	36,000
1-8	36,000
1-9	36,000
1-10	36,000
1-11	36,000
1-12	36,000

After the first 12 calendar months of operation under the provisions of this permit, compliance with the annual fuel usage restriction shall be based upon a rolling, 12-month summation of the monthly usage rates.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain monthly records of the following information for this emissions unit:
 - a. the fuel usage for each month, in gallons;
 - b. during the first 12 calendar months of operation or the first 12 calendar months, under the provision of this permit, the permittee shall record the cumulative fuel usage, in gallons, for each calendar month; and
 - c. beginning after the first 12 calendar months of operation or the first 12 calendar months, under the provision of this permit, the rolling, 12-month summation of the fuel usage, in gallons.

e) **Reporting Requirements**

- (1) 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 gallons of fuel usage; and



- ii. for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative gallons of fuel usage.
 - 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).
 - e. 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.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.
- (3) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
- 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. Emission Limitation:
NOx emissions shall not exceed 3.2 lbs/mmBtu
- Applicable Compliance Method:
Compliance shall be based upon an emission factor of 3.2 lbs/mmBtu. This emissions factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-1 (revised 10/96).



If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 - 4, and 7 of 40 CFR Part 60, Appendix A.

- b. Emission Limitation:
8.29 tons NO_x/rolling, 12-month period

Applicable Compliance Method:

The emission limitation was developed by multiplying an emission factor of 3.2 lbNO_x/mmBtu from AP-42, Table 3.4-1(10/96), a heat content of 0.144 mmBtu/gallon, a maximum annual gallon usage of 36,000 gallons, and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the 36,000 gallons of fuel usage per rolling 12-month period operational restriction, compliance with the annual limitation shall also be demonstrated.

- c. Emission Limitations:
0.55 lb CO/hr & 2.41 tons CO/yr

Applicable Compliance Method:

Compliance with the hourly allowable CO limitation may be based upon multiplying a maximum heat input rate of 2.16 mmBtu/hr, by an emissions factor of 0.85 lb CO/mmBtu (AP-42 section 3.4-1 [10/96]), and applying a 70% reduction requirement under U.S. EPA delegation of authority for Section 112(d) emission standards of the Clean Air Act (CAA).

The annual limitation was developed by multiplying the maximum hourly emissions limitation by 8760hrs/yr and applying a conversion factor of 2000 lbs/ton. Therefore, provided compliance is maintained with the maximum hourly emissions limitation, compliance with the annual emission limitation shall also be demonstrated.

If required, the permittee shall demonstrate compliance with the hourly CO limitation by testing in accordance with Methods 1 - 4, and 10 of 40 CFR Part 60, Appendix A.

- g) Miscellaneous Requirements

- (1) None.