



Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

9/6/2012

Robert Klumm
Klumm Bros
PO Box 163
Swanton, OH 43558

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0448960010
Permit Number: P0110587
Permit Type: Renewal
County: Lucas

Certified Mail

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

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 Toledo Department of Environmental Services at (419)936-3015 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPCWeb page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: TDES



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Klumm Bros**

Facility ID:	0448960010
Permit Number:	P0110587
Permit Type:	Renewal
Issued:	9/6/2012
Effective:	9/6/2012
Expiration:	9/6/2022



Division of Air Pollution Control
Permit-to-Install and Operate
for
Klumm Bros

Table of Contents

Authorization 1
A. Standard Terms and Conditions 3
1. What does this permit-to-install and operate ("PTIO") allow me to do?..... 4
2. Who is responsible for complying with this permit? 4
3. What records must I keep under this permit? 4
4. What are my permit fees and when do I pay them?..... 4
5. When does my PTIO expire, and when do I need to submit my renewal application? 4
6. What happens to this permit if my project is delayed or I do not install or modify my source? 5
7. What reports must I submit under this permit? 5
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? 5
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ... 5
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? 6
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? 6
12. What happens if one or more emissions units operated under this permit is/are shut down permanently? 6
13. Can I transfer this permit to a new owner or operator?..... 7
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? 7
15. What happens if a portion of this permit is determined to be invalid? 7
B. Facility-Wide Terms and Conditions..... 8
C. Emissions Unit Terms and Conditions 10
1. P001 11

Authorization

Facility ID: 0448960010
Application Number(s): A0045270
Permit Number: P0110587
Permit Description: permit renewal for diesel engine
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 9/6/2012
Effective Date: 9/6/2012
Expiration Date: 9/6/2022
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Klumm Bros
9241 W Bancroft
Holland, OH 43528

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

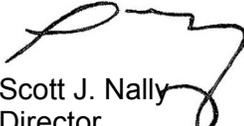
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604
(419)936-3015

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: P0110587

Permit Description: permit renewal for diesel engine

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

Emissions Unit ID:	P001
Company Equipment ID:	P001
Superseded Permit Number:	P0088661
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 Toledo Department of Environmental Services 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 submitting¹ 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.

¹Permittees 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) None.

C. Emissions Unit Terms and Conditions



1. P001

Operations, Property and/or Equipment Description:

Portable 325 hp diesel 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. None.

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	<p>Particulate matter emissions (PM) shall not exceed 0.54 g/KW-hr (0.40 g/hp-hr) and 1.3 tons per year;</p> <p>Sulfur dioxide (SO2) emissions shall not exceed 0.003 pound per hour and 0.013 ton per year;</p> <p>Volatile organic compounds (VOC) emissions shall not exceed 1.3 g/KW-hr (1.0 g/hp-hr) and 3.2 tons per year;</p> <p>The requirements of this rule also include compliance with OAC rule 3745-17-07(A)(1), OAC rule 3745-17-11(B)(5)(a), and 40 CFR Part 60, Subpart IIII.</p> <p>See b)(2)a. and b)(2)h.</p>

b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
c.	ORC 3704.03(T) Administrative Modification	Carbon monoxide (CO) emissions shall not exceed 11.4 g/KW-hr (8.5 g/hp-hr) and 26.7 tons per year; Nitrogen oxides (NOx) emissions shall not exceed 9.2 g/KW-hr (6.9 g/hp-hr) and 21.6 tons per year.
d.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity as a six-minute average, unless otherwise specified by the rule.
e.	OAC rule 3745-17-11(B)(5)(a)	The emission limitation specified by this rule is less stringent than the emission limitation established for PM pursuant to 40 CFR Part 60, Subpart IIII.
f.	OAC rule 3745-18-06(G)	Exempt. See b)(2)c.
g.	40 CFR Part 60, Subpart A (40 CFR 60.1 – 60.19)	See b)(2)d.
h.	40 CFR Part 60, Subpart IIII 40 CFR 60.4204(a) Table 1 to Subpart IIII [In accordance with 40 CFR 60.4200(a) Stationary CI ICE with a displacement of less than 30 L/cylinder with a pre-2007 model year (manufactured after 4/1/06 and less than 10 L/cylinder and ≥ 175 hp and < 1,000 hp)]	The exhaust emissions from this engine shall not exceed: 11.4 grams CO/kW-hr (8.5 g/hp-hr) 9.2 grams NOx/kW-hr (6.9 g/hp-hr) 0.54 gram PM/kW-hr (0.40 g/hp-hr) 1.3 grams HC/kW-hr (1.0 g/hp-hr) See terms b)(2)(e. through g.)
i.	40 CFR 60.4207(b) 40 CFR 80.510(b)	The sulfur content of the diesel fuel burned in this engine shall not exceed 15 ppm or 0.0015% sulfur by weight. See terms b)(2)g., c(1), d(3), and e(5).
i.	40 CFR 63 Subpart ZZZZ 40 CFR 63.6590(c)	A new area source operating in compliance with Part 60 Subpart IIII is the demonstration of compliance for 40 CFR 63 Subpart ZZZZ.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 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 the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) 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 OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

b)(1)a. and f)(1)g., f)(1)i., and f)(1)k.

- b. 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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM, SO₂, and VOC emissions from this air contaminant source since the calculated annual emission rate for PM, SO₂, and VOC is less than 10 tons/year.

- c. This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).
- d. Table 8 of 40 CFR Part 60, Subpart IIII shows which sections of the general provisions in 40 CFR Part 60, Subpart A apply to this emissions unit.
- e. The stationary compression ignition (CI) internal combustion engine (ICE) is subject to and shall be operated in compliance with the requirements of 40 CFR Part 60, Subpart IIII, the standards of performance for stationary CI ICE.
- f. The pre-2007 stationary CI ICE shall either be purchased certified by the manufacturer to emission standards as stringent as those identified in 40 CFR 60.4204(a) and found in Table 1 to Subpart IIII (equivalent to the Tier 1 emission standards in Table 1 of 40 CFR Part 89), based on the maximum rated engine power; or if the pre-2007 model year engine is not certified by the manufacturer to these standards, compliance shall be demonstrated according to one of the methods specified in paragraphs (b)(2) through (5) of 40 CFR 60.4211(b), as follows:
- i. purchase the engine certified according to 40 CFR Part 89, as applicable for the same model year and maximum engine power, and assure it is installed and configured according the manufacturer's specifications;



- ii. maintain records of performance test results for each pollutant, obtained through the performance test methods required in 40 CFR 60.4212 or 40 CFR 60.4213 and conducted on a similar engine;
 - iii. maintain records of the engine manufacturer's test data showing compliance with the standards;
 - iv. maintain records of control device vendor data demonstrating compliance with the standards; or
 - v. conduct an initial performance test to demonstrate compliance with the emission standards according to the requirements specified in 40 CFR 60.4212 or 60.4213.
- g. The quality of the diesel fuel burned in this engine shall meet the following specifications on an "as received" basis:
- i. 15 ppm sulfur or 0.0015% sulfur by weight;
 - ii. a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent; and
 - iii. a heating value greater than 135,000 Btu/gallon.
- Compliance with the above-mentioned specifications shall be determined by using the analytical results provided by the permittee or oil supplier for each shipment of oil.
- h. All particulate matter emissions are assumed to be less than 10 microns in diameter.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart IIII, including the following sections:

60.4206 & 60.4211(a)	Stationary CI ICE installation, operation, and maintenance according to manufacturer specifications; installation and operation requirements under 40 CFR Part 89, Control of Emissions from New and In-use Non-road CI ICE and Part 1068, General Compliance Provisions for Engine Programs; and operation and maintenance requirements for stationary CI ICE to achieve Tier 1 emission standards from Table 1 of 40 CFR Part 60, Subpart IIII, as required per 40 CFR 60.4204(a).
60.4207(b) & 80.510(b)	Comply with maximum sulfur content of diesel fuel burned in the CI ICE per 40 CFR 80.510(b): (1) 15 ppm maximum sulfur content or (2) 0.0015% sulfur by weight.

60.4209(b)	For engines equipped with a diesel particulate filter, diesel particulate filter installation requirements and emissions standards requirements per 40 CFR 60.4204.
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d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in an operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
- (2) The monitoring and recordkeeping requirements above apply only for those calendar quarters during which the emissions unit is located in the State of Ohio.
- (3) The permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR 60, Subpart IIII, including the following sections:

60.4207(b)	Records of the total quantity of diesel oil received and records of the oil supplier's (or permittee's) sulfur content, in parts per million (40 CFR 80.510) or percent by weight, and heat content analyses. Analyses must be performed in accordance with 40 CFR 80.580 and appropriate ASTM methods and records retained for a minimum of 5 years.
60.4211(b) & 60.4214(a)(2)	Records of manufacturer's certification or performance test data for this ICE or for a similar ICE to demonstrate compliance with the applicable emissions standards in Table 1 to Subpart IIII shall be kept on site or at a central location for all facility CI ICE.
60.4214(a)(1)	Records of diesel fuel burned in this ICE during each calendar year.
60.4214(a)(2)	Records of all notifications and reports to comply with this subpart.



60.4214(c)	For engines equipped with a diesel particulate filter, records on date, time, and corrective action(s) taken in response to notification from backpressure monitor that the high backpressure limit of the engine has been approached or exceeded.
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e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency 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. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall identify the following in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term d)(1) above:
 - a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.
- (3) The reports contained in this permit shall be submitted in accordance with the reporting requirements specified in Section A of this permit.
- (4) The reporting requirements above apply only for those calendar quarters during which the emissions unit is located in the State of Ohio.
- (5) The permittee shall submit in the PER and such other notifications and reports to the appropriate Ohio EPA District office or local air agency as are required pursuant to 40 CFR 60, Subpart IIII, per the following sections:

60.4214(a)	Submit notice of initial compliance status containing (1) name and address of the facility, (2) address of the CI ICE, (3) the make, model, engine family, serial number, model year, maximum engine power, and engine displacement, (4) any emission control equipment, (5) fuel used, and (6) a statement that the CI ICE is certified by the manufacturer to the standards in Table 1 to Subpart IIII or the method used to demonstrate that the engine meets the emission standards in 40 CFR Part 60, Subpart IIII, Table 1, as required by 40 CFR 60.4211(b).
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60.4207(b) & 80.510(b)	Report in the PER any period of time (date and number of hours) that the quality of oil burned in this engine did not meet the requirements established in 40 CFR 80.510(b), based upon the required fuel records; and the amount of non-compliant fuel burned on each such occasion.
60.4214(c)	If the stationary CI ICE is equipped with a diesel particulate filter, report in the PER any records of date, time, and any corrective action(s) taken in response to the notification from the monitor that the backpressure has been approached or exceeded.

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. Emissions Limitation:

Visible particulate emissions from each diesel engine exhaust stack shall not exceed 20 percent opacity as a six-minute average, except as specified by the rule.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

b. Emission Limitations:

11.4 grams CO/kW-hr (8.5 g/hp-hr)

Applicable Compliance Method:

Compliance with the emission limitations shall be based on the manufacturer's certification of the engine (if certified) or the CO emissions testing data submitted for this engine or a similar engine, and by maintaining it according to the manufacturer's specifications. The g/kW-hr limit is the emission limitation from Table 1 from 40 CFR Part 60, Subpart IIII, the exhaust emission standards for pre-2007 model year diesel engines greater than or equal to 175 horsepower (130 kW).

If required, the permittee shall demonstrate compliance with the CO emission limitation through performance tests conducted in accordance with the provisions in term f)(1)l. below.

c. Emissions Limitation:

The emissions of CO shall not exceed 26.7 tons per year.

Applicable Compliance Method:

This emission limitation was established to reflect the worst-case potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. Compliance may be demonstrated through calculations performed as follows: multiply the maximum operating load (325 hp) by the allowable CO emission rate (8.5 g/hp-hr), divide by 454 grams per pound, multiply by the maximum annual operating hours (8,760 hrs/yr), and divide by 2,000 pounds per ton.

d. Emission Limitations:

9.2 grams NO_x/kW-hr (6.9 g/hp-hr)

Applicable Compliance Method:

Compliance with the emission limitations shall be based on the manufacturer's certification of the engine (if certified) or the NO_x emissions testing data submitted for this engine or a similar engine, and by maintaining the engine according to the manufacturer's specifications. The g/kW-hr limit is the emission limitation from Table 1 from 40 CFR Part 60, Subpart IIII, the exhaust emission standards for pre-2007 model year diesel engines greater than or equal to 175 horsepower (130 kW).

If required, the permittee shall demonstrate compliance with the NO_x emission limitation through performance tests conducted in accordance with the provisions in term f)(1). below.

e. Emissions Limitations:

The emissions of NO_x shall not exceed 21.6 tons per year.

Applicable Compliance Method:

This emission limitation was established to reflect the worst-case potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. Compliance may be demonstrated through calculations performed as follows: multiply the maximum operating load (325 hp) by the allowable NO_x emission rate (6.9 g/hp-hr), divide by 454 grams per pound, multiply by the maximum annual operating hours (8,760 hrs/yr), and divide by 2,000 pounds per ton.

f. Emission Limitation:

0.54 gram PM/kW-hr (0.40 g/hp-hr)

Applicable Compliance Method:

Compliance with the emission limitations shall be based on the manufacturer's certification of the engine (if certified) or the PE emissions testing data submitted for this engine or a similar engine, and by maintaining the ICE according to the manufacturer's specifications. The g/kW-hr limit is the emission limitation from Table 1 from 40 CFR Part 60, Subpart IIII, the exhaust emission standards for pre-2007 model year diesel engines greater than or equal to 175 horsepower (130 kW).

If required, the permittee shall demonstrate compliance with the PM emission limitation through performance tests conducted in accordance with the provisions in term f)(1)l. below.

g. Emission Limitations:

PM shall not exceed 1.3 tons per year.

Applicable Compliance Method:

This emission limitation was established to reflect the worst-case potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. Compliance may be demonstrated through calculations performed as follows: multiply the maximum operating load (325 hp) by the allowable PM emission rate (0.40 g/hp-hr), divide by 454 grams per pound, multiply by the maximum annual operating hours (8,760 hrs/yr), and divide by 2,000 pounds per ton.

h. Sulfur Content Limitation for Diesel Fuel:

Sulfur content 15 ppm or \leq 0.0015% by weight sulfur

Applicable Compliance Method:

Compliance shall be demonstrated through the record keeping requirements for the sulfur content of each shipment of diesel oil received.

i. Emission Limitations:

The emissions of SO₂ shall not exceed 0.003 pound per hour.

The emissions of SO₂ shall not exceed 0.013 ton per year.

Applicable Compliance Method:

Compliance with the ton per year SO₂ emissions limitation shall be determined by the following calculation:

Where:

E = pound per hour emissions

HP = horse power of engine or the sum of the horse powers of a combination of engines fitting into the same model year and size category

S = % sulfur content of the fuel used. Since the sulfur content limit for the fuel is 0.0015%, use the value 0.000015 in the formula.

HP = horsepower of the engine

TPY = tons per year SO₂ emissions

$E = 13 \text{ gal/hr} \times 7.1 \text{ lbs/gal} \times 64 \text{ lb moles SO}_2/32 \text{ lb moles S} \times 0.000015$

$E = 0.003 \text{ lb/hr}$

$TPY = 0.003 \text{ lb SO}_2/\text{hr} \times 8,760 \text{ hr/yr} \times \text{ton}/2,000 \text{ lb} = 0.013 \text{ tpy}$

j. Emission Limitations:

1.3 grams HC/kW-hr (1.0 g/hp-hr)

Applicable Compliance Method:

Compliance with the emission limitations shall be based on the manufacturer's certification of the engine (if certified) or the VOC emissions testing data submitted for this engine or a similar engine, and by maintaining the ICE according to the manufacturer's specifications. The g/kW-hr limit is the emission limitation from Table 1 from 40 CFR Part 60, Subpart IIII, the exhaust emission standards for pre-2007 model year diesel engines greater than or equal to 175 horsepower (130 kW).

If required, the permittee shall demonstrate compliance with the HC emission limitation through performance tests conducted in accordance with the provisions in term f)(1)l. below.

k. Emission Limitations:

The emissions of VOC shall not exceed 3.2 tons per year.

Applicable Compliance Method:

This emission limitation was established to reflect the worst-case potential to emit for this emissions unit at a maximum total operating rate of 8,760 hours per year. Compliance may be demonstrated through calculations performed as follows: multiply the maximum operating load (325 hp) by the allowable hydrocarbon emission rate (1.0 g/hp-hr), divide by 454 grams per pound, multiply by the maximum annual operating hours (8,760 hrs/yr), and divide by 2,000 pounds per ton.

l. Where compliance is demonstrated through performance testing, it shall be conducted using one of the following test methods or procedures:

- i. in accordance with 40 CFR 60.4212, conduct exhaust emissions testing using the in-use testing procedures found in 40 CFR Part 1039, Subpart F, measuring the emissions of the regulated pollutants as specified in 40 CFR 1065; or
- ii. in accordance with 40 CFR 60.4213, conduct exhaust emissions testing using the test methods identified in Table 7 to Subpart IIII of Part 60.

If demonstrating compliance through the in-use testing procedures in 40 CFR part 1039, subpart F, exhaust emissions from the pre-2007 model year stationary CI ICE shall not exceed the "not to exceed" (NTE) numerical requirements, rounded to the same number of decimal places as the applicable standard in Table 1 to Subpart IIII, determined from the following equation:

NTE requirement for each pollutant = 1.25 x STD

Where:

STD = The standard specified for the pollutant in Table 1 to Subpart IIII.

g) **Miscellaneous Requirements**

- (1) At the discretion and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency), the permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate notification and exemption requirements have been met. The Director may issue a "Notice of Site Approval" through either of the following scenarios:
 - a. Where future locations of the proposed portable source are unknown, the approval to relocate the portable source shall be acquired in accordance the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):
 - i. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;
 - ii. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;
 - iii. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
 - iv. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and

- v. the Director has issued a Notice of Site Approval, stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's Notice of Site Approval for the site; or

- b. As the alternative for any pre-disclosed location, the Director may issue a Notice of Site Approval if the portable source meets the requirements of OAC rule 3745-31-05(H), as follows:
 - i. the portable source is operating pursuant to a currently effective permit-to-install (PTI), permit-to-install and operate (PTIO), or has been approved for registration status and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
 - ii. the portable source has been issued a PTIO or PTI and the permittee continues to comply with the requirements of the permit, including any applicable best available technology (BAT) determination;
 - iii. the portable source owner has identified and submitted the proposed site to the Ohio EPA;
 - iv. the permitting District Office/local air agency and the District Office/local air agency having jurisdiction over the new site (if different) have determined that the portable source will have an acceptable environmental impact at the proposed site;
 - v. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site is located;
 - vi. the owner of the proposed site (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site; and
 - vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director's Notice of Site Approval for the site. Any site approval issued by the Ohio EPA, pursuant to OAC rule 3745-31-05(H), is subject to expiration and renewal. Pursuant to OAC rule 3745-31-07(C)(3), any site approval for a portable source shall be issued for a period of time determined to be appropriate by the Director and the renewal will be reevaluated and subject to the same requirements above.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.