



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

12/31/2012

Brian Riedmaier
National Lime & Stone Company
1331 Broad Avenue, Suite 100
Findlay, OH 45840

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0332012027
Permit Number: P0111478
Permit Type: Initial Installation
County: Hancock

Certified Mail

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

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, The Courier. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically 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. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

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

Cc: U.S. EPA Region 5 Via E-Mail Notification
Ohio EPA-NWDO; Michigan; Indiana; Canada



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. **Source Description:**

National Lime & Stone Company submitted a PTIO application for a 1223 HP portable diesel generator (7.50 mmBtu/hour). National Lime has requested federally enforceable limits to restrict the fuel usage to 80,000 gallons per rolling 12-month period.

3. **Facility Emissions and Attainment Status:**

National Lime & Stone Company is a minor facility headquartered in Hancock County. Hancock County is considered attainment for all criteria pollutants.

4. **Source Emissions:**

Uncontrolled emissions of NOx from the diesel generator will equate to 105.12 tons of NOx per year, which exceeds the significance threshold of 100 tons per year. The permittee has requested federally enforceable limits on the potential to emit when the plant is operating at a stationary source or in conjunction with other portable plants. By limiting fuel usage to 80,000 gallons per rolling 12-month period, National Lime & Stone Company will effectively limit the potential to emit NOx to 18.05 tons per rolling 12-month period.

5. **Conclusion:**

Limiting the fuel usage to 80,000 gallons per rolling 12-month period will restrict the potential to emit NOx to 18.05 tons per rolling 12-month period.

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
NOx	18.05
CO	4.79
SO2	2.88
VOC	0.51
PM10	0.35

PUBLIC NOTICE

12/31/2012 Issuance of Draft Air Pollution Permit-To-Install and Operate

National Lime & Stone Company

551 Lake Cascades Pkwy,

Findlay, OH 45840

Hancock County

FACILITY DESC.: Crushed and Broken Limestone Mining and Quarrying

PERMIT #: P0111478

PERMIT TYPE: Initial Installation

PERMIT DESC: Installation of a 1223 HP portable diesel generator.

The Director of the Ohio Environmental Protection Agency issued the draft permit above. The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitsonline.aspx> by entering the permit # or: Julie McCarthy, Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402. Ph: (419)352-8461



DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for
National Lime & Stone Company**

Facility ID:	0332012027
Permit Number:	P0111478
Permit Type:	Initial Installation
Issued:	12/31/2012
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install and Operate
for
National Lime & Stone Company

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Draft Permit-to-Install and Operate

National Lime & Stone Company

Permit Number: P0111478

Facility ID: 0332012027

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 0332012027
Application Number(s): A0045848
Permit Number: P0111478
Permit Description: Installation of a 1223 HP portable diesel generator.
Permit Type: Initial Installation
Permit Fee: \$200.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 12/31/2012
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

National Lime & Stone Company
551 Lake Cascades Pkwy
Findlay, OH 45840

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

Scott J. Nally
Director



Draft Permit-to-Install and Operate

National Lime & Stone Company

Permit Number: P0111478

Facility ID: 0332012027

Effective Date: To be entered upon final issuance

Authorization (continued)

Permit Number: P0111478

Permit Description: Installation of a 1223 HP portable diesel generator.

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:	Portable, Diesel Generator Set
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



Draft Permit-to-Install and Operate
National Lime & Stone Company
Permit Number: P0111478
Facility ID: 0332012027
Effective Date: To be entered upon final issuance

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 Ohio EPA DAPC, Northwest District Office 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.



Draft Permit-to-Install and Operate

National Lime & Stone Company

Permit Number: P0111478

Facility ID: 0332012027

Effective Date: To be entered upon final issuance

B. Facility-Wide Terms and Conditions



Draft Permit-to-Install and Operate

National Lime & Stone Company

Permit Number: P0111478

Facility ID: 0332012027

Effective Date: To be entered upon final issuance

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. This facility is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reciprocating Internal Combustion Engines. Although Ohio EPA has determined that this Generally Available Control Technology (GACT) NESHAP applies, at this time Ohio EPA does not have 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 following U.S. EPA website: <http://www.epa.gov/ttn/atw/arearules.html>.



Draft Permit-to-Install and Operate

National Lime & Stone Company

Permit Number: P0111478

Facility ID: 0332012027

Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. P001, Portable, Diesel Generator Set

Operations, Property and/or Equipment Description:

1223 HP Portable Diesel Engine (7.50 mm Btu/hour)

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)a., c)(1), c)(2), d)(2), d)(3), e)(2), f)(1)b. – f)(1)h., f)(1)j., and f)(1)k.

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.	ORC 3704.03(T)	Nitrogen oxides (NOx) emissions shall not exceed 3.20 lbs/mmBtu See b)(2)b.
b.	OAC rule 3745-31-05(D)	18.05 tons of NOx per rolling, 12-month period Carbon monoxide (CO) emissions shall not exceed 0.85 lb/mmBtu; 4.79 tons of CO per rolling, 12-month period Sulfur dioxide (SO2) emissions shall not exceed 0.51 lb/mmBtu; 2.88 tons of SO2 per rolling, 12-month period Volatile organic compound (VOC) emissions shall not exceed 0.09 lb/mmBtu; 0.51 ton of VOC per rolling, 12-month period



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.35 ton of particulate matter 10 microns or less in size (PM10) per rolling, 12-month period Visible particulate emissions (PE) shall not exceed 10% opacity, as a 6-minute average, except during startup and shutdown. See b)(2)a., c)(1) and c)(2)
c.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	See b)(2)c.
d.	OAC rule 3745-31-05(A)(3), as effective 12/01/06	See b)(2)d.
e.	OAC rule 3745-17-07(A)	See b)(2)e.
f.	OAC rule 3745-17-11(B)(5)(b)	0.062 lb of PE/mmBtu
g.	OAC rule 3745-18-06(G)	See b)(2)f.
h.	OAC rule 3745-110-03(F)	See b)(2)g.
i.	40 CFR Part 60 Subpart IIII	See b)(2)h.

(2) Additional Terms and Conditions

- a. This permit establishes federally enforceable limitations for purposes of avoiding Title V permitting requirements. The federally enforceable limitations are based on an annual fuel usage restriction [(see c)(1) and c)(2)].
 - i. 18.05 tons of NOx per rolling, 12-month period
 - ii. 0.85 lb of CO/mmBtu; 4.79 tons of CO per rolling, 12-month period
 - iii. 0.51 lb of SO2/mmBtu; 2.88 tons of SO2 per rolling, 12-month period
 - iv. 0.09 lb of VOC/mmBtu; 0.51 ton of VOC per rolling, 12-month period
 - v. 0.35 ton of PM10 per rolling, 12-month period
- b. The BAT requirements under ORC 3704.03(T) have been determined to be compliance with the lb/mmBtuNOx limitation established in b)(1)a.
- c. The permittee has satisfied the Best Available Technology (BAT) requirements for pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit for CO, VOC, PM10, and SO2. The requirements of this rule are equivalent to the requirements established pursuant to OAC rule 3745-31-05(D), therefore, the permittee has satisfied the 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 ORC changes effective August 3, 2006 (SB 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than 10 tons per year. However, that rule revision has not yet been approved by the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, 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 emission limitations and control requirements established pursuant to OAC rule 3745-31-05(D) will remain applicable after the above SIP revisions are approved by the 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 SIP.

BAT requirements under OAC rule 3745-31-05(A)(3)(a), as effective December 1, 2006, do not apply to CO, VOC, PM10, and SO₂ emissions since the potential to emit is less than 10 tons per year taking into consideration the federally enforceable requirements under OAC rule 3745-31-05(D).

- e. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(D).
- f. This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G), pursuant to OAC rule 3745-18-06(B).
- g. The requirements of OAC rule 3745-110-03(F) do not apply because the engine has a power capacity less than 2000 horsepower.
- h. This emissions unit is subject to 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart IIII. The permittee shall also comply with all applicable requirements of 40 CFR Part 60 Subpart A (General Provisions) as identified in Table 8 of 40 CFR Part 60 Subpart IIII.

c) Operational Restrictions

- (1) The permittee shall combust only distillate oil in this emissions unit.

The oil combusted in this emissions unit shall only be distillate oil (fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils"). The sulfur content of the distillate oil shall contain no more than 0.5 weight percent sulfur.

- (2) The maximum annual fuel usage for this emissions unit shall not exceed 80,000 gallons per year based on a rolling 12-month summation of the fuel usage. To ensure



enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the levels specified in the following table:

Months	Maximum Allowable Fuel Usage (Gallons)
1	8000
1-2	16000
1-3	24000
1-4	32000
1-5	40000
1-6	48000
1-7	54000
1-8	60000
1-9	66000
1-10	72000
1-11	76000
1-12	80000

(3) See 40 CFR Part 60 Subpart IIII (40 CFR 60.4200-4219).

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

- (1) For each day during which the permittee burns a fuel other than distillate oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- (2) The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction in c)(1). Records of fuel supplier certification shall include the following information:
 - a. The name of the oil supplier; and
 - b. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in c)(1).
- (3) The permittee shall maintain monthly records of the following information for this emissions unit:



- a. Fuel usage each month, in gallons;
- b. During the first 12 calendar months of operation, the cumulative fuel usage, in gallons;
- c. Beginning the first month after the first 12 calendar months of operation, the rolling, 12-month summation of fuel usage, in gallons;
- d. The calculated monthly emission rate for NO_x, in tons, using the following equation:

NO_x emissions in tons = [fuel usage] x [emission factor from CAT emission certification/testing, "Not to Exceed" data] x [1 ton/2000 lbs] = [d)(3)a.] x [0.4869 lb of NO_x/gal] x [1 ton/2000 lbs]; and

- e. The rolling, 12-month summation of NO_x [summation of d)(3)c.], in tons.

(4) See 40 CFR Part 60 Subpart IIII (40 CFR 60.4200-4219).

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA eBusiness Center: Air Services by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

(2) The permittee shall submit quarterly reports that identify the following:

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

- i. During the first 12 months of operation, any exceedances of the rolling 12-month maximum allowable fuel usage rate specified in c)(2);
- ii. After the first 12 months of operation, any exceedances of the maximum allowable fuel usage rate specified in c)(2);
- iii. Any exceedance of the rolling, 12-month NO_x emissions; and
- iv. Any exceedance of the sulfur content fuel restriction described in c)(1).

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



The quarterly reports shall be submitted electronically through Ohio EPA Air Services each year by January 31, April 30, July 31, and October 31 and shall cover the previous calendar quarter unless an alternative schedule has been established and approved by the Northwest District Office. These deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.

(3) See 40 CFR Part 60 Subpart IIII (40 CFR 60.4200-4219).

f) Testing Requirements

(1) Compliance with the emission limitations in section b) shall be determined in accordance with the following methods:

a. Emission Limitation

NOx emissions shall not exceed 3.20 lbs/mmBtu

Applicable Compliance Method

This emission limitation was established using an emission factor from AP-42, Table 3.4-1 (10/96). If required, the permittee shall demonstrate compliance by testing in accordance with the emission limitation in accordance with Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

b. Emission Limitation

18.05 tons of NOx per rolling, 12-month period

Applicable Compliance Method

Compliance with the rolling, 12-month NOx limitation shall be demonstrated through the record keeping requirements specified in section d)(3). Therefore, provided compliance is shown with the annual restriction by means of the monitoring and record keeping requirement in d)(3), compliance with the annual emission limitation shall be demonstrated.

c. Emission Limitation

CO emissions shall not exceed 0.85 lb/mmBtu

Applicable Compliance Method

This emission limitation was established using an emission factor from AP-42, Table 3.4-1 (10/96). If required, the permittee shall demonstrate compliance by testing in accordance with the emission limitation in accordance with Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

d. Emission Limitation

4.79 tons of CO per rolling, 12-month period

Applicable Compliance Method

Compliance with the rolling, 12-month CO limitation shall be demonstrated by multiplying the heat content of diesel fuel (141,000 Btu/gallon) by an emission factor of 0.85 lb of CO/mmBtu [AP-42, Table 3.4-1, (10/96)] and the maximum



annual fuel usage rate of 80,000 gallons, then dividing by 2000 lbs. Provided compliance is shown with the annual fuel usage restriction, compliance with the annual limitation shall be demonstrated.

e. Emission Limitation

SO₂ emissions shall not exceed 0.51 lb/mmBtu

Applicable Compliance Method

This emission limitation was established using an emission factor from AP-42, Table 3.4-1 (10/96). If required, the permittee shall demonstrate compliance by testing in accordance with the emission limitation in accordance with Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

f. Emission Limitation

2.88 tons of SO₂ per rolling, 12-month period

Applicable Compliance Method

Compliance with the rolling, 12-month SO₂ limitation shall be demonstrated by multiplying the heat content of diesel fuel (141,000 Btu/gallon) by an emission factor of 0.51 lb of SO₂/mmBtu [AP-42, Table 3.3-1, (10/96)] and the maximum annual fuel usage rate of 80,000 gallons, then dividing by 2000 lbs. Provided compliance is shown with the annual fuel usage restriction, compliance with the annual limitation shall be demonstrated.

g. Emission Limitation

VOC emissions shall not exceed 0.09 lb/mmBtu

Applicable Compliance Method

This emission limitation was established using an emission factor from AP-42, Table 3.4-1 (10/96). If required, the permittee shall demonstrate compliance by testing in accordance with the emission limitation in accordance with Methods 1-4 and 18, 25, or 25A of 40 CFR Part 60, Appendix A.

h. Emission Limitation

0.51 ton of VOC per rolling, 12-month period

Applicable Compliance Method

Compliance with the rolling, 12-month VOC limitation shall be demonstrated by multiplying the heat content of diesel fuel (141,000 Btu/gallon) by an emission factor of 0.09 lb of VOC/mmBtu [AP-42, Table 3.4-1, (10/96)] and the maximum annual fuel usage rate of 80,000 gallons, then dividing by 2000 lbs. Provided compliance is shown with the annual fuel usage restriction, compliance with the annual limitation shall be demonstrated.

i. Emission Limitation

Emissions of particulate matter 10 microns or less in size (PM₁₀) shall not exceed 0.062 lb/mmBtu



Applicable Compliance Method

If required, the permittee shall demonstrate compliance by testing in accordance with the methods and procedures as outlined in OAC rule 3745-17-03(B)(10).

j. Emission Limitation

0.35 ton of PM10 per rolling, 12-month period

Applicable Compliance Method

Compliance with the rolling 12-month PM10 limitation shall be demonstrated by multiplying the heat content of diesel fuel (141,000 Btu/gallon) by an emission factor of 0.062 lb of PM10/mmBtu [AP-42, Table 3.3-1, (10/96)] and the maximum annual fuel usage rate of 80,000 gallons, then dividing by 2000 lbs. Provided compliance is shown with the annual fuel usage restriction, compliance with the annual limitation shall be demonstrated.

k. Emission Limitation

Visible PE shall not exceed 10% opacity, as a six-minute average, except during startup and shutdown.

Applicable Compliance Method

If required, the permittee shall demonstrate compliance by testing in accordance with U.S. EPA Method 9 of 40 CFR Part 60, Appendix A.

(2) See 40 CFR Part 60 Subpart IIII (40 CFR 60.4200-4219).

g) Miscellaneous Requirements

(1) 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 exemption requirements have been met and following approval of the Director (the Northwest District Office). The Director may issue a "Notice of Site Approval" if the following criteria are met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

- a. 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;
- b. 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;
- c. the permittee has provided a minimum of 30 days' notice of the intent to relocate the portable source to the permitting authority (the Northwest District Office) prior to the scheduled relocation;
- d. 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



- e. 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 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.

- (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.

- (3) The Notice of Intent to Relocate shall be submitted to the Ohio EPA District Office 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.