

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

1/7/2014

Certified Mail

Mr. Bryan Coblentz  
Winesburg Hardwood Lumber Co LLC  
2871 US 62  
Dundee, OH 44624

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

Facility ID: 0238002007  
Permit Number: P0115982  
Permit Type: Initial Installation  
County: Holmes

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	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, Holmes County Hub. 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](http://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, Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087

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, Northeast District Office at (330)425-9171.

Sincerely,



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

Cc: U.S. EPA Region 5 Via E-Mail Notification  
Ohio EPA-NEDO





## Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description:

The Winesburg Hardwood Lumber Company operates a sawmill, kiln and pallet shop. The facility is located in Holmes County and has an FEPTIO (P0109381) for the following:

EU ID	Operations, Property and/or Equipment Description	Installation Date
P001	Cummins model NTC-400, 400 BHP stationary internal combustion diesel engine (mill)	7/31/00
P002	Cummins model NTC-400, 400 BHP stationary internal combustion diesel engine (pallet)	7/16/10
P005	Caterpillar model 3306B, 300 BHP stationary internal combustion diesel engine (tub grinder)	10/24/95
B001	Terre Haute Boiler Works model SN-9000, 90 HP wood-fired boiler	12/15/08
F002	Facility roadways (unpaved) and parking areas; General Permit	1/15/75
F003	Facility roadways (paved) and parking areas; General Permit	1/1/75

The facility has recently submitted an FEPTIO application since it has removed P002 and replaced it with P006 (607 BHP Caterpillar Stationary RICE). The facility has requested federally enforceable limits for P006 to keep it below the 25 tons per year modeling threshold.

3. Facility Emissions and Attainment Status:

The Winesburg Hardwood Lumber Company has the potential to emit over 152 tons of nitrogen oxides (NOX) per year via emission units P001, P005, and P006. All other air pollutants are below Title V thresholds. Holmes County is an attainment area for all criteria pollutants.

4. Source Emissions:

This permit limits the NOx emissions to 24.9 tons per year by restricting the operating hours of the engine to 3,230 hours per year. The facility-wide NOX emissions limit of 77.6 tons per rolling, 12-month period still remains. The permittee has agreed to federally enforceable restrictions on operating hours in order to avoid Title V permitting status. P001 is still limited to 4016 operating hours, whereas the diesel engine for P005 is limited to 5355 operating hours, per rolling, 12-month period.



5. Conclusion:

Compliance with the rolling, 12-month operating restrictions and corresponding emissions limitations, along with the associated recordkeeping and reporting requirements in the permit, will ensure NOx emissions from P006 remains below air dispersion modeling thresholds, through OAC rule 3745-31-05(E). Issuance of federally enforceable permit to install and operate (FEPTIO) P0115982 is recommended.

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	24.9 (77.6 facility-wide)
CO	21.7
OC	0.00439 lb/hp-hr
PE	0.062 lb/MMBtu of actual heat input.

PUBLIC NOTICE

1/7/2014 Issuance of Draft Air Pollution Permit-To-Install and Operate

Winesburg Hardwood Lumber Co LLC

2871 US Rte 62,

Dundee, OH 44624

Holmes County

FACILITY DESC.: Sawmills, Wood Container and Pallet Manufacturing, All Other Miscellaneous Wood Product Manufacturing

PERMIT #: P0115982

PERMIT TYPE: Initial Installation

PERMIT DESC: The facility has recently submitted an FEPTIO application since it has removed P002 and replaced it with P006 (607 BHP Caterpillar Stationary RICE). The facility has requested federally enforceable limits for P006 to keep it below the 25 tons per year modeling threshold.

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: Corey Kurjian, Ohio EPA DAPC, Northeast District Office, 2110 East Aurora Road, Twinsburg, OH 44087. Ph: (330)425-9171





**DRAFT**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
Winesburg Hardwood Lumber Co LLC**

Facility ID:	0238002007
Permit Number:	P0115982
Permit Type:	Initial Installation
Issued:	1/7/2014
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  
Winesburg Hardwood Lumber Co LLC

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**Draft Permit-to-Install and Operate**

Winesburg Hardwood Lumber Co LLC

**Permit Number:** P0115982

**Facility ID:** 0238002007

**Effective Date:** To be entered upon final issuance

## Authorization

Facility ID: 0238002007  
Application Number(s): A0049599  
Permit Number: P0115982  
Permit Description: The facility has recently submitted an FEPTIO application since it has removed P002 and replaced it with P006 (607 BHP Caterpillar Stationary RICE). The facility has requested federally enforceable limits for P006 to keep it below the 25 tons per year modeling threshold.  
Permit Type: Initial Installation  
Permit Fee: \$400.00 *DO NOT send payment at this time, subject to change before final issuance*  
Issue Date: 1/7/2014  
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:

Winesburg Hardwood Lumber Co LLC  
2871 US Rte 62  
Dundee, OH 44624

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, Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087  
(330)425-9171

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**

Winesburg Hardwood Lumber Co LLC

**Permit Number:** P0115982

**Facility ID:** 0238002007

**Effective Date:** To be entered upon final issuance

## Authorization (continued)

Permit Number: P0115982

Permit Description: The facility has recently submitted an FEPTIO application since it has removed P002 and replaced it with P006 (607 BHP Caterpillar Stationary RICE). The facility has requested federally enforceable limits for P006 to keep it below the 25 tons per year modeling threshold.

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

<b>Emissions Unit ID:</b>	<b>P006</b>
Company Equipment ID:	Natural Gas Engine #1
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



**Draft Permit-to-Install and Operate**  
Winesburg Hardwood Lumber Co LLC  
**Permit Number:** P0115982  
**Facility ID:** 0238002007  
**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. 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 Ohio EPA DAPC, Northeast 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 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 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**  
Winesburg Hardwood Lumber Co LLC  
**Permit Number:** P0115982  
**Facility ID:** 0238002007  
**Effective Date:** To be entered upon final issuance

## **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) B.2 and B.3.
2. The facility-wide NO<sub>x</sub> emissions shall not exceed 77.6 tons per year, based upon a rolling, 12-month summation of the monthly NO<sub>x</sub> emissions from emissions units P001, P005 and P006, combined. This federally enforceable limitation is based on the maximum annual operating hours contained in the permit P0109381 and under C.1.c)(1) of this permit, and is being established for the purposes of avoiding Title V major source applicability.
3. The permittee shall record the following information each month for emissions units P001, P005 and P006, combined:
  - a) the total NO<sub>x</sub> emissions, in tons; and
  - b) the rolling, 12-month summation of NO<sub>x</sub> emissions, in tons.
4. 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:
    - (1) all exceedances of the rolling, 12-month restriction on the hours of operation for each emissions unit; and
    - (2) all exceedances of the rolling, 12-month emission limitation for NO<sub>x</sub>.
  - 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).



**Draft Permit-to-Install and Operate**

Winesburg Hardwood Lumber Co LLC

**Permit Number:** P0115982

**Facility ID:** 0238002007

**Effective Date:** To be entered upon final issuance

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

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

5. The Ohio EPA has determined that this facility may be subject to the requirements of an area source MACT/GACT rule that the Ohio EPA does not have the delegated authority to implement. Although Ohio EPA has determined that an area source MACT (also known as the GACT) may apply, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised that all requirements associated with these rules are in effect and are enforceable 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/area/arearules.html>.



**Draft Permit-to-Install and Operate**  
Winesburg Hardwood Lumber Co LLC  
**Permit Number:** P0115982  
**Facility ID:** 0238002007  
**Effective Date:** To be entered upon final issuance

## **C. Emissions Unit Terms and Conditions**



**1. P006, Natural Gas Engine #1**

**Operations, Property and/or Equipment Description:**

607 BHP Caterpillar Stationary RICE

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.	ORC 3704.03(T)	Nitrogen oxides (NO <sub>x</sub> ) emissions shall not exceed 0.0254 lb/hp-hr.  Carbon monoxide (CO) emissions shall not exceed 0.0222 lb/hp-hr.
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Organic compound (OC) emissions shall not exceed 0.00439 lb/hp-hr.  See b(2)a.
c.	OAC rule 3745-31-05(A)(3)(b), as effective 12/01/06	See b)(2)b.
d.	OAC rule 3745-31-05(E)	NO <sub>x</sub> emissions shall not exceed 24.9 tons per year.  See c)(1).
d.	OAC rule 3745-17-07(A)(1)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
e.	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions (PE) shall not exceed 0.062 lb/MMBtu of actual heat input.
f.	OAC rule 3745-18-06(A)	Exempt. See b)(2)c.
g.	OAC rule 3745-110-03(K)	Exempt. See b)(2)d.
h.	40 CFR Part 60, Subpart JJJJ, 60.4230(a)(4)(iii)	Exempt. See b)(2)e.

(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. 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 emissions of OC from this air contaminant source since the uncontrolled potential to emit for the emissions of OC is less than 10 tons per year.

c. Fuel burning equipment that burns only natural gas is exempt from the requirements of OAC rule 3745-18-06.

d. Pursuant to OAC rule 3745-110-03(J)(3), any stationary internal combustion engine having an energy output capacity of less than two thousand horsepower is exempt from the requirements of this rule.

e. Engine is exempt since it was manufactured before July 1, 2008 and has not been modified or reconstructed after June 12, 2006.

c) Operational Restrictions

(1) The maximum annual operating hours for this emissions unit shall not exceed 3,230, based upon a rolling, 12-month summation of the operating hours.



**Effective Date:** To be entered upon final issuance

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

Month(s)	Maximum Allowable Cumulative Operating Hours
1	269
1-2	538
1-3	807
1-4	1076
1-5	1345
1-6	1614
1-7	1883
1-8	2152
1-9	2421
1-10	2690
1-11	2959
1-12	3230

After the first 12 calendar months of operation or the first 12 calendar months following this issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

- (2) The stationary internal combustion engine shall be installed, operated, and maintained according to the manufacturer's specifications, written instructions, and procedures over the entire life of the engine.
  - (3) The permittee shall burn only natural gas in this emissions unit.
- d) Monitoring and/or Recordkeeping Requirements
- (1) The permittee shall maintain records demonstrating compliance with b)(2)c of this permit.



- (2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
  - (3) The permittee shall record the following information each month for this emissions unit:
    - a. the total operating time, in hours; and
    - b. the rolling, 12-month summation of the monthly operating time, in hours.
  - (4) The permittee shall record the following information each month for this emissions unit:
    - a. the total NO<sub>x</sub> emissions, in tons; and
    - b. the rolling, 12-month summation of NO<sub>x</sub> emissions, in tons.
- e) Reporting Requirements
- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
  - (2) The permittee shall submit quarterly deviation (excursion) reports that identify:
    - a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
      - i. all exceedances of the rolling, 12-month restriction on the hours of operation for this emissions unit;
      - ii. all exceedances of the rolling, 12-month emission limitation for NO<sub>x</sub>;
    - b. the probable cause of each deviation (excursion);
    - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
    - d. the magnitude and duration of each deviation (excursion).

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

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



- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to Ohio EPA's Northeast District Office 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. 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.
  - (4) The permittee shall identify the following information in the annual PER in accordance with Operational Restriction c)(1) above:
    - a. Noncompliance with the operational restriction of the maximum annual operating hours for this emissions unit shall not exceed 3,230, based upon a rolling, 12-month summation of the operating hours
  - (5) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
- 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:

NO<sub>x</sub> emissions shall not exceed 0.0254 lb/hp-hr.

Applicable Compliance Method:

If required, compliance with the hourly emission limitation shall be demonstrated in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7. Alternative EPA-approved test methods may be used with prior approval from the Ohio EPA.
    - b. Emission Limitation:

NO<sub>x</sub> emissions shall not exceed 24.9 tons per year.

Applicable Compliance Method:

The annual emission limitation was established by multiplying the NO<sub>x</sub> emission factor of 0.0254 lb/hp-hr [Manufactured Supplied Data] by the emissions unit's maximum rated capacity of 607 HP, then multiplying by the maximum allowable annual hours of operation (3,230 hours), and then dividing by 2000 lbs/ton.

If required, compliance with the hourly emission limitation shall be demonstrated in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7. Alternative EPA-approved test methods may be used with prior approval from the Ohio EPA.



c. Emission Limitation:

OC emissions shall not exceed 0.00439 lb/hp-hr.

Applicable Compliance Method:

If required, compliance with the hourly emission limitation shall be demonstrated in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and either 25 or 25A, as appropriate.

d. Emission Limitation:

CO emissions shall not exceed 0.0222 lb/hp-hr.

Applicable Compliance Method:

If required, compliance with the hourly emission limitation shall be demonstrated in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 4 and either 10 or 10B, as appropriate. Alternative EPA-approved test methods may be used with prior approval from the Ohio EPA.

e. Emission Limitation:

Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated through visible particulate emission observations performed in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

f. Emission Limitation:

PE shall not exceed 0.062 lb/MMBtu of actual heat input.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

g) Miscellaneous Requirements

- (1) None.