



John R. Kasich, Governor  
 Mary Taylor, Lt. Governor  
 Craig W. Butler, Director

7/31/2015

Certified Mail

Mr. Erik Chaffer  
 CE Acquisition Company LLC  
 18137 County Road 271  
 Coshocton, OH 43812

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
Yes	MACT/GACT
Yes	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

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

Facility ID: 0616010087  
 Permit Number: P0118115  
 Permit Type: Initial Installation  
 County: Coshocton

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 Coshocton Tribune. 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 and Ohio EPA DAPC, Southeast District Office  
 Permit Review/Development Section 2195 Front Street  
 Ohio EPA, DAPC Logan, OH 43138  
 50 West Town Street Suite 700  
 PO Box 1049  
 Columbus, Ohio 43216-1049

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, Southeast District Office at (740)385-8501.

Sincerely,

Michael E. Hopkins, P.E.  
 Assistant Chief, Permitting Section, DAPC

Cc: U.S. EPA Region 5 Via E-Mail Notification  
 Ohio EPA-SEDO; West Virginia



## PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at: <http://epa.ohio.gov/actions.aspx> or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-2129 email: [HClerk@epa.ohio.gov](mailto:HClerk@epa.ohio.gov)

Draft Air Pollution Permit-to-Install and Operate Initial Installation  
CE Acquisition Company LLC

18137 County Line Road 271,,Coshocton, OH 43812

ID#:P0118115

Date of Action: 7/31/2015

Permit Desc:After the fact initial PTIO for P012, an emergency fire pump engine with restrictions to avoid NOx modeling and be defined as an emergency engine as defined in 40 CFR Part 63, Subpart ZZZZ..

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: Racheal Davies, Ohio EPA DAPC, Southeast District Office, 2195 Front Street, Logan, OH 43138. Ph: (740)385-8501





## Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description:

CE Acquisition Company LLC is an ethanol production facility located in Coshocton County, Ohio. This permit serves as an after the fact initial installation FEPTIO for P012, a 370 HP, 2.59 MMBtu/hr emergency fire pump engine fired by #2 diesel fuel. P012 is an emergency engine, as defined by 40 CFR Part 63, Subpart ZZZZ and has requested a synthetic minor limitation of 100 hours of operation per year to limit NOx emissions to maintain the facility wide potential to emit below Title V thresholds.

3. Facility Emissions and Attainment Status:

CE Acquisition Company LLC dba Three Rivers Energy is a stationary ethanol production facility located in Coshocton County, Ohio which is currently in attainment for all pollutants. CE Acquisition Company LLC currently maintains a synthetic minor limitation of 75,000,000 gallons of ethanol per year to avoid Title V status for hazardous air pollutants and volatile organic compounds. This facility has requested a synthetic minor permit because the maximum potential to emit, at 8,760 hours per year for P012 would make this facility a major stationary source and subject to Title V permitting. Federally enforceable restrictions will lower the potential emissions to less than 100 tons per year for all criteria pollutants. These restrictions will keep the company from the requirements of Title V permitting.

4. Source Emissions:

CE Acquisition Company has requested synthetic minor limitation of 100 hours per year for P012 to limit all pollutants to below Title V thresholds. This restriction will allow the avoidance of Title V requirements.

5. Conclusion:

The operational restrictions, emission limits, emissions testing, record keeping, and reporting requirements of this permit are sufficient to provide federally enforceable limitations to limit the potential to emit from all coating sources at the facility to below major stationary source and Title V thresholds.

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>
PE	0.72
SO <sub>2</sub>	0.6
VOC	0.84
NO <sub>x</sub>	9.96
CO	2.16



**DRAFT**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
CE Acquisition Company LLC**

Facility ID:	0616010087
Permit Number:	P0118115
Permit Type:	Initial Installation
Issued:	7/31/2015
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  
CE Acquisition Company LLC

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

CE Acquisition Company LLC

**Permit Number:** P0118115

**Facility ID:** 0616010087

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

## Authorization

Facility ID: 0616010087  
Application Number(s): A0051267, A0051846  
Permit Number: P0118115  
Permit Description: After the fact initial PTIO for P012, an emergency fire pump engine with restrictions to avoid NOx modeling and be defined as an emergency engine as defined in 40 CFR Part 63, Subpart ZZZZ.  
Permit Type: Initial Installation  
Permit Fee: \$400.00 *DO NOT send payment at this time, subject to change before final issuance*  
Issue Date: 7/31/2015  
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:

CE Acquisition Company LLC  
18137 County Line Road 271  
Coshocton, OH 43812

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, Southeast District Office  
2195 Front Street  
Logan, OH 43138  
(740)385-8501

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler  
Director



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

CE Acquisition Company LLC

**Permit Number:** P0118115

**Facility ID:** 0616010087

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

## Authorization (continued)

Permit Number: P0118115

Permit Description: After the fact initial PTIO for P012, an emergency fire pump engine with restrictions to avoid NOx modeling and be defined as an emergency engine as defined in 40 CFR Part 63, Subpart ZZZZ.

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>P012</b>
Company Equipment ID:	P012
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



**Draft Permit-to-Install and Operate**  
CE Acquisition Company LLC  
**Permit Number:** P0118115  
**Facility ID:** 0616010087  
**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, Southeast 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**  
CE Acquisition Company LLC  
**Permit Number:** P0118115  
**Facility ID:** 0616010087  
**Effective Date:** To be entered upon final issuance

## **B. Facility-Wide Terms and Conditions**



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

CE Acquisition Company LLC

**Permit Number:** P0118115

**Facility ID:** 0616010087

**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. The Ohio EPA has determined that emissions unit P012 located at this facility may be subject to the requirements of the area source MACT/GACT rule (40 CFR Part 63, Subpart ZZZZ) 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**  
CE Acquisition Company LLC  
**Permit Number:** P0118115  
**Facility ID:** 0616010087  
**Effective Date:** To be entered upon final issuance

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



**1. P012, Emergency Fire Pump Engine**

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

Emergency fire pump engine (John Deere Model 6081HF001) fired by #2 diesel fuel with a maximum operation time of 100 hours per year and rated at 2.59 MMBtu/hr and 370 HP. Engine Model Year: 2008; Engine Manufacture Date: 3/8/2007; Engine Base Code: 1675F; Engine Rating: 6081HF001M; EPA Family: 7NONCERT; Emissions Label Part No.: R524846

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(D) Synthetic minor to avoid Title V status and state NOx modeling	Sulfur dioxide (SO <sub>2</sub> ) emissions shall not exceed 0.75 lb/hr and 0.05 ton per rolling, 12-month period.  Particulate emissions (PE) shall not exceed 0.06 ton per rolling, 12-month period.  Volatile organic compound (VOC) emissions shall not exceed 0.07 ton per rolling, 12-month period.  Nitrogen oxide (NO <sub>x</sub> ) emissions shall not exceed 0.83 ton per rolling, 12-month period.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>Carbon monoxide (CO) emissions shall not exceed 0.18 ton per rolling, 12-month period.</p> <p>See c)(2) below.</p> <p>The short term emissions limitations established pursuant to this rule for PE, VOC (aka NMHC), NOx and CO emissions are equivalent to the short term emissions limitations established pursuant to 40 CFR Part 60, Subpart IIII.</p>
b.	OAC rule 3745-31-05(A)(3), as effective 6/30/2008	<p>The emissions limitations established pursuant to this rule are equivalent to the emissions limitations established pursuant to 40 CFR Part 60, Subpart IIII and OAC rule 3745-31-05(D).</p> <p>See b)(2)a.</p>
c.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 6/30/2008	<p>The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE, SO<sub>2</sub>, and VOC emissions from this air contaminant source since the potential to emit for PE, SO<sub>2</sub>, and VOC is less than 10 tons/year.</p> <p>The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the NOx and CO emissions from this air contaminant source since the potential to emit for NOx and CO emissions are less than 10 tons/yr taking into account the federally enforceable restriction in b)(1)a. above.</p> <p>See b)(2)b.</p>
d.	OAC rule 3745-17-07(A)	Visible PE from any stack serving this emissions unit shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
e.	OAC rule 3745-17-11(B)(5)	PE shall not exceed 0.310 lb/MMBtu.
f.	OAC rule 3745-18-06(G)	Exempt pursuant to OAC rule 3745-18-06(B).
g.	<p>40 CFR Part 60, Subpart IIII 60.4200-4219</p> <p>[In accordance with 40 CFR</p>	<p>PE shall not exceed 0.40 g/HP-hr.</p> <p>NMHC + NOx emissions shall not exceed 7.8 g/HP-hr.</p>



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	60.4200(a)(2)(ii) this fire pump engine is a stationary CI ICE with a maximum rating of 370 HP with a displacement of 8.1 liters/cylinder that commenced construction after July 11, 2005.	CO emissions shall not exceed 2.6 g/HP-hr.
h.	40 CFR Part 60, Subpart A 60.1-60.19	Table 8 of 40 CFR Part 60, Subpart IIII shows which parts of the General Provision sin 60.1-60.19 apply to this emissions unit.

(2) Additional Terms and Conditions

- a. This Best Available Technology (BAT) emissions limit applies until U.S. EPA approves Ohio Administrative Code (OAC) rule 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).
- b. These requirements apply once U.S. EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- c. The permittee shall comply with all applicable additional terms and conditions of 40 CFR Part 60, Subpart IIII, including the following sections:

60.4205(c)	Owners and operators of fire pump engines with a displacement of less than 30 liters per cylinder must comply with the emission standards in table 4 to this subpart (listed above in b)(1)g.), for all pollutants.
60.4206	Operate and maintain the engine in accordance with manufacturer specifications over the entire life of the engine.
60.4219	Definitions

c) Operational Restrictions

- (1) The permittee shall only burn low sulfur No. 2 or diesel fuel, containing less than 0.5% sulfur by weight, in this emissions unit.
- (2) The maximum number of operating hours for emissions unit P012 shall not exceed 100 hours as a rolling, 12-month summation. The facility has sufficient records to begin calculating the rolling 12-month summation of hours of operation upon issuance of this permit.

- (3) The permittee shall comply with all applicable operational restrictions of 40 CFR Part 60, Subpart IIII, including the following sections:

60.4207(b)	Meet the diesel fuel requirements of 40 CFR 80.510(b) for non-road diesel fuel, except that any diesel fuel purchased prior to October 2010, may be used until depleted.
60.4211(a)(1)	Operate and maintain the engine according to the manufacturer's emission-related written instructions.
60.4211(a)(2)	Change only those emission-related settings that are permitted by the manufacturer.
60.4211(a)(3)	Meet the requirements of 40 CFR parts 89, 94, and/or 1068, as they apply to you.
60.4211(f)	Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year is prohibited. You must operate the engine in accordance with 60.4211(f)(1)-(3) to be considered and emergency engine.
60.4211(f)(1)	There is no time limit on the use of emergency stationary ICE in emergency situations.*
60.4211(f)(2)	You may operate the emergency stationary ICE for any combination of the purposes specified in paragraphs (f)(2)(i)-(iii) of this section for a maximum of 100 hours per year. Any operation for non-emergency situations as allowed by (f)(3) count as part of the 100 hours per year as allowed by (f)(2).
60.4211(f)(3)	Emergency stationary ICE may be operated for up to 50 hours per year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in (f)(2). Except as provided in (f)(3)(i), the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
60.4211(g)	If you do not install, configure, operate and maintain your engine and control device according to the manufacturer's emission-related written instructions, or change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance in accordance with 60.4211(g)(2).
60.4211(g)(2)	Keep a maintenance plan and records of conducted maintenance and, to the extent practicable, maintain and operate the engine in

	<p>a manner consistent with good air pollution control practice for minimizing emissions. Conduct initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine is no longer installed, configured, operated and maintain in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change the emission-related settings in a way that was not permitted by the manufacturer.</p>
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\*Engine has a synthetic minor limitation of 100 hours per rolling, 12-month period.

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

- (1) The permittee shall maintain documentation on the sulfur content of all fuels received.
- (2) For each day during which the permittee burns a fuel other than low sulfur No. 2 or diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- (3) The permittee shall maintain monthly records of the following information:
  - a. the total hours of operation for P012 for each month;
  - b. the total hours of operation during emergency situations for P012 for each month;
  - c. the total hours of operation during non-emergency situations for P012 for each month; and
  - d. the rolling 12-month summation of the total hours of operation as recorded in "a." above, calculated by adding the current month's operating hours for the preceding eleven calendar months.
- (4) The permittee shall comply with all applicable monitoring and/or recordkeeping requirements of 40 CFR Part 60, Subpart IIII, including the following sections:

60.4209(a)	Install a non-resettable hour meter prior to startup of the engine.
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e) **Reporting Requirements**

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically



identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall submit quarterly deviation (excursion) reports that identify:
  - a. any exceedance of the rolling, 12-month hours of operation limitation; and
  - b. any exceedance of the sulfur content fuel restriction specified in c)(1).

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 each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (4) The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur No. 2 or diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
- (5) The permittee shall comply with all applicable reporting requirements of 40 CFR Part 60, Subpart IIII, including the following sections:

60.4214(b)	You are not required to submit an initial notification.
60.4214(d)	If the engine operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in §60.4211(f)(2)(ii) and (iii) or that operates for the purposes specified in §60.4211(f)(3)(i), you must submit an annual report according to the requirements in paragraphs (d)(1) through (3) of this section.

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:

SO<sub>2</sub> emissions shall not exceed 0.75 lb/hr and 0.05 ton per rolling, 12-month period.

Applicable Compliance Method:

The hourly emissions limitation was developed using an emissions factor of 0.29 lb/MMBtu from AP-42 Table 3.3-1 (10/1996) multiplied by the engine rating of 2.59 MMBtu/hr, as submitted in the permittee's application.

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

Compliance shall be demonstrated by multiplying the hourly SO<sub>2</sub> emission rate by the total number of hours operated per rolling, 12-month period, as required by d)(3)b., and dividing by 2,000 pounds per ton.

b. Emissions Limitation:

PE shall not exceed 0.06 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined by multiplying the hourly PE rate by the total number of hours operated per twelve month rolling period, as required by d)(3)d., and dividing by 2,000 pounds per ton.

c. Emissions Limitation:

VOC emissions shall not exceed 0.07 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly VOC emission rate by the total number of hours operated per rolling, 12-month period, as required by d)(3)d., and dividing by 2,000 pounds per ton.

d. Emissions Limitation:

NO<sub>x</sub> emissions shall not exceed 0.83 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly NO<sub>x</sub> emission rate by the total number of hours operated per rolling, 12-month period, as required by d)(3)d., and dividing by 2,000 pounds per ton.

e. Emissions Limitation:

CO emissions shall not exceed 0.18 ton per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the hourly CO emission rate by the total number of hours operated per rolling, 12-month period, as required by d)(3)d., and dividing by 2,000 pounds per ton.

f. Emissions Limitation:

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

Applicable Compliance Method:

If required, visible PE shall be determined according to USEPA Method 9.

g. Emissions Limitation:

PE shall not exceed 0.310 lb/MMBtu.

Applicable Compliance Method:

Compliance with the 0.310 lb/million Btu emission limitation may be demonstrated by using the emissions factor of 0.31 lb/million Btu from AP-42, Table 3.3-1 (10/96).

If required, PE shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources", and the procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

h. Emissions Limitation:

PE shall not exceed 0.40 g/HP-hr.

Applicable Compliance Method:

If required, compliance with this emission limit must be demonstrated according to one of the methods in 40 CFR 60.4212 as applicable.

If required, PE shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office..



i. Emissions Limitation:

NMHC + NO<sub>x</sub> emissions shall not exceed 7.8 g/HP-hr.

Applicable Compliance Method:

If required, compliance with this emission limit must be demonstrated according to one of the methods in 40 CFR 60.4212 as applicable.

If required, NMHC/VOC emissions shall be determined according to test Methods 1 - 4, and 18, 25, or 25A as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

If required, NO<sub>x</sub> emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

j. Emissions Limitation:

CO emissions shall not exceed 2.6 g/HP-hr.

Applicable Compliance Method:

If required, compliance with this emission limit must be demonstrated according to one of the methods in 40 CFR 60.4212 as applicable.

If required, CO emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

g) Miscellaneous Requirements

- (1) None.