



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

10/27/2016

Certified Mail

Chris Akers
Cain Ridge Compressor Station
27710 State Route 7
Marietta, OH 45750

| | |
|-----|------------------------------------|
| 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 |
| No | FEDERALLY ENFORCABLE PTIO (FEPTIO) |
| No | SYNTHETIC MINOR TO AVOID MAJOR GHG |

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0656035015
Permit Number: P0120699
Permit Type: Initial Installation
County: Monroe

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

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

How to get an electronic copy of your permit

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

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Ohio EPA DAPC, Southeast District Office at (740)385-8501 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



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

Cc: Ohio EPA-SEDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Cain Ridge Compressor Station**

| | |
|----------------|----------------------|
| Facility ID: | 0656035015 |
| Permit Number: | P0120699 |
| Permit Type: | Initial Installation |
| Issued: | 10/27/2016 |
| Effective: | 10/27/2016 |
| Expiration: | 9/8/2026 |



Division of Air Pollution Control
Permit-to-Install and Operate
for
Cain Ridge Compressor Station

Table of Contents

| | |
|---|----|
| Authorization | 1 |
| A. Standard Terms and Conditions | 3 |
| 1. What does this permit-to-install and operate ("PTIO") allow me to do?..... | 4 |
| 2. Who is responsible for complying with this permit? | 4 |
| 3. What records must I keep under this permit? | 4 |
| 4. What are my permit fees and when do I pay them?..... | 4 |
| 5. When does my PTIO expire, and when do I need to submit my renewal application? | 4 |
| 6. What happens to this permit if my project is delayed or I do not install or modify my source? | 5 |
| 7. What reports must I submit under this permit? | 5 |
| 8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit? | 5 |
| 9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ... | 5 |
| 10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? | 6 |
| 11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? | 6 |
| 12. What happens if one or more emissions units operated under this permit is/are shut down permanently? | 6 |
| 13. Can I transfer this permit to a new owner or operator?..... | 7 |
| 14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? | 7 |
| 15. What happens if a portion of this permit is determined to be invalid? | 7 |
| B. Facility-Wide Terms and Conditions..... | 8 |
| C. Emissions Unit Terms and Conditions | 11 |
| 1. P003, DEHY-1 | 12 |
| 2. P006, Pig Receiving Station..... | 16 |
| 3. P007- Reciprocating Internal Combustion Engine for Generator. | 19 |
| 4. P008, Compressor Blowdowns | 26 |
| 5. P801, Leak Detection and Repair Program | 29 |
| 6. Emissions Unit Group -2,370 hp engines: P001,P002,..... | 34 |



Final Permit-to-Install and Operate
Cain Ridge Compressor Station
Permit Number: P0120699
Facility ID: 0656035015
Effective Date: 10/27/2016

Authorization

Facility ID: 0656035015
Application Number(s): A0055807, A0056485
Permit Number: P0120699
Permit Description: Natural Gas Compressor Station with Dehydration Unit.
Permit Type: Initial Installation
Permit Fee: \$3,600.00
Issue Date: 10/27/2016
Effective Date: 10/27/2016
Expiration Date: 9/8/2026
Permit Evaluation Report (PER) Annual Date: July 1 - June 30, Due Aug 15

This document constitutes issuance to:

Cain Ridge Compressor Station
47705 Cain Ridge Rd
Clarington, OH 43915

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

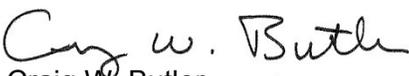
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

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



Authorization (continued)

Permit Number: P0120699
 Permit Description: Natural Gas Compressor Station with Dehydration Unit.

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

- Emissions Unit ID:** P003
 Company Equipment ID: DEHY-1
 Superseded Permit Number:
 General Permit Category and Type: Not Applicable
- Emissions Unit ID:** P006
 Company Equipment ID: PIG-01
 Superseded Permit Number:
 General Permit Category and Type: Not Applicable
- Emissions Unit ID:** P007
 Company Equipment ID: G001
 Superseded Permit Number:
 General Permit Category and Type: Not Applicable
- Emissions Unit ID:** P008
 Company Equipment ID: P008
 Superseded Permit Number:
 General Permit Category and Type: Not Applicable
- Emissions Unit ID:** P801
 Company Equipment ID: F002
 Superseded Permit Number:
 General Permit Category and Type: Not Applicable

Group Name: 2,370 hp engines

| | |
|-----------------------------------|----------------|
| Emissions Unit ID: | P001 |
| Company Equipment ID: | C0100 |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P002 |
| Company Equipment ID: | C0200 |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |



Final Permit-to-Install and Operate
Cain Ridge Compressor Station
Permit Number: P0120699
Facility ID: 0656035015
Effective Date: 10/27/2016

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Final Permit-to-Install and Operate
Cain Ridge Compressor Station
Permit Number: P0120699
Facility ID: 0656035015
Effective Date: 10/27/2016

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. 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.
3. Deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.
4. This facility is subject to 40 CFR Part 60, Subpart OOOOa. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the e-CFR website <http://ecfr.gov> or by contacting the appropriate Ohio EPA District office or local air agency.
5. This facility is subject to 40 CFR Part 60, Subpart JJJJ. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the e-CFR website <http://ecfr.gov> or by contacting the appropriate Ohio EPA District office or local air agency.
6. This facility is subject to 40 CFR Part 63, Subpart HH. The complete MACT requirements, including the MACT General Provisions may be accessed via the internet from the e-CFR website <http://ecfr.gov> or by contacting the appropriate Ohio EPA District office of local air agency.
7. This facility is subject to 40 CFR Part 63, Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines at Area Sources. Although Ohio EPA has determined that this GACT applies, at this time Ohio EPA does not have the authority to enforce this standard. Instead, US 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 US EPA. For more information on the area source rules, please refer to the following US EPA website: <http://www.epa.gov/ttn/atw/area/arearules.html>.
8. Abbreviations throughout are as follows:

Pollutants

| | |
|-----------------|---------------------------|
| NO _x | nitrogen oxides |
| CO | carbon monoxide |
| VOC | volatile organic compound |
| PE | particulate emissions |

Units

| | |
|-----|---------------|
| TPY | tons per year |
| lb | pound |

| | |
|------|-----------------------|
| g | gram |
| Mg | megagram |
| gal | gallon |
| bbl. | barrel |
| M | thousand |
| MM | million |
| scf | standard cubic foot |
| Btu | British thermal units |
| hp | horsepower |
| bhp | brake horsepower |
| hr | hour |
| min | minute |
| m | month |
| yr | year |

Regulations

| | |
|--------|--|
| OAC | Ohio Administrative Code |
| ORC | Ohio Revised Code |
| CFR | Code of Federal Regulations |
| e-CFR | Electronic Code of Federal Regulation |
| BAT | Best Available Technology |
| MACT | Maximum Achievable Control Technology |
| NSPS | New Source Performance Standards |
| NESHAP | National Emission Standards for Hazardous Air Pollutants |
| GACT | Generally Available Control Technology |

General

| | |
|------|---------------------------|
| PTE | Potential to Emit |
| EF | Emissions factor |
| PTI | Permit-to-Install |
| EU | Emissions Unit |
| SIP | State Implementation Plan |
| SEDO | Southeast District Office |



Final Permit-to-Install and Operate
Cain Ridge Compressor Station
Permit Number: P0120699
Facility ID: 0656035015
Effective Date: 10/27/2016

C. Emissions Unit Terms and Conditions

1. P003, DEHY-1

Operations, Property and/or Equipment Description:

Dehydration Unit rated at 170 MMCFD fitted with a flash tank, condenser, and reboiler.

- 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. d)(3).
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|---|
| a. | OAC rule 3745-31-05(A)(3), as effective June 30, 2008 | Install a dehydration unit designed as a closed vent system with 100% capture of VOC emissions; the still vent gas is routed to the condenser then to the reboiler with an in-stack glow plug ignitor assembly with a minimum 95% destruction efficiency. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective June 30, 2008 | The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the calculated annual emission rate is < 10 TPY due to the voluntary restriction from OAC rule 3745-31-05(E). See b)(2)b. below. |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| c. | OAC rule 3745-31-05(E), as effective June 30, 2008 | Install a dehydration unit designed as a closed vent system with 100% capture of VOC emissions; the still vent gas is routed to the condenser then to the reboiler with an in-stack glow plug ignitor assembly with a minimum 95% destruction efficiency. (The potential VOC emissions with this restriction is 3.19 TPY for each emission unit). |
| d. | 40 CFR Part 63, Subpart HH (40 CFR 63.760-63.779) [In accordance with 40 CFR 63.760(a)(2)-(3), this emissions unit processes, upgrades, or stores natural gas or hydrocarbon liquids prior to the point of custody transfer from the facility.] | See b)(2)c. and b)(2)d. below. |
| e. | 40 CFR 63.1-15 (40 CFR 63.764) | Table 2 of Subpart HH of 40 CFR Part 63 shows which parts of the General Provisions in 40 CFR 63.1-15 apply. |

(2) Additional Terms and Conditions

- a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption as part of the Ohio SIP).
- b. These requirements apply once US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption) as part of the Ohio SIP.
- c. The dehydration unit located at this facility is subject to 40 CFR Part 63, Subpart HH, NESHAP from Oil and Natural Gas Production Facilities. The dehydration units at this facility are exempt per 63.764(e)(1)(ii) from the requirements of 63.764(d) because actual average emissions of benzene from the glycol dehydration unit process venting to the atmosphere are less than 0.90 Mg/yr, as determined by the procedures specified in 63.772(b)(2) of 40 CFR 63, Subpart HH.
- d. The permittee shall comply with applicable requirements of 40 CFR Part 63, Subpart HH, including the following sections:

| | |
|--------------|-------------------|
| 63.764(j) | Control equipment |
| 63.775(c)(8) | Exemption |

c) Operational Restrictions

- (1) The permittee shall employ a condenser on the outlet of the dehydrator still vent. The vapor from the condenser and the dehydrator flash tank shall be vented to the reboiler for use as fuel in the burner. Any excess vapors not combusted in the reboiler burner shall be combusted in the glow plug igniter assembly in the reboiler stack.

d) Monitoring and/or Recordkeeping Requirements

- (1) The composition of the gas being processed may vary due to the nature of the industry. The company will sample the gas semiannually to perform a detailed gas analysis in order to determine if the composition has changed such that it will result in an increase in emissions of any toxic air contaminant. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request. After one year, the permittee may petition the Agency to adjust the frequency of sampling.
- (2) The permittee shall comply with applicable requirements of 40 CFR Part 63, Subpart HH, including the following sections:

| | |
|------------------|---|
| 63.760(a)(2) | Applicability |
| 63.772(b)(2) | Actual average BTEX emissions |
| 63.774(b)(1) | File maintenance |
| 63.774(d)(1) | Exemption recordkeeping |
| 63.774(d)(1)(ii) | Actual average annual benzene emissions |

- (3) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

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:

Emissions from the glycol dehydration unit shall not exceed 3.19 tons per year.

Applicable Compliance Method:

The permittee may determine the annual total VOC emissions using the appropriate methods identified in 40 CFR 63.772, GRI-GLYCalc™ model, Version 3.0 or higher, and the procedures presented in the associated GRI-GLYCalc™ Technical Reference Manual, and/or another applicable software program. Inputs to the model shall be representative of actual operating conditions of the glycol dehydration unit(s) and may be determined using the procedures documented in the Gas Research Institute (GRI) report entitled “Atmospheric Rich/Lean Method for Determining Glycol Dehydrator Emissions” (GRI-95/0368.1);

Potential VOC estimates shall be based on the maximum glycol circulation rate(s), in gallons per minute (gpm); the worst case pollutant concentrations from representative extended gas analyses of the inlet wet gas; and the maximum natural gas flow rate, as determined by 40 CFR 63.772(b)(1)(i); or for a new unit, potential emissions shall be estimated in accordance with 40 CFR 63.760(a) and increased by a factor of 1.2. The permittee may also determine the estimated annual VOC emission through direct measurement using Method M25A or Method 18, both from Appendix A of Part 60.

g) Miscellaneous Requirements

- (1) None.

2. P006, Pig Receiving Station

Operations, Property and/or Equipment Description:

A pig receiving station.

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. d)(2).

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| a. | OAC rule 3745-31-05(A)(3), as effective June 30, 2008 | VOC emissions shall not exceed 0.07* tons/m as a rolling, 12-month average. *worse case, assume VOC content of gas is 5 times that of current sampling. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective June 30, 2008 | The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the PTE is < 10 TPY. See b)(2)b. below. |

- (2) Additional Terms and Conditions
 - a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption as part of the Ohio SIP).
 - b. These requirements apply once US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption) as part of the Ohio SIP.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall maintain the following records on a monthly basis for pigging events:
 - a. The date and number of each pigging event;
 - b. Percent VOC fraction in the gas stream obtained by representative sampling and analysis (e.g., gas chromatography);
 - c. The total volume of gas emitted from each pigging event; the volume will be an engineering estimate based on the size of pipeline that is pigged;
 - d. An estimate of the total volume of gas emitted from all pigging events as a rolling, 12-month average;
 - e. Gas density shall be derived from representative sampling; and
 - f. Monthly VOC emissions in tons/m as a rolling, 12-month average.
 - (2) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.
- e) Reporting Requirements
 - (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

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:

VOC emissions shall not exceed 0.07 tons/m as a rolling, 12-month average.

Applicable Compliance Method:

The VOC emissions limitation for pigging was derived by the calculation below using the inputs provided in the permittee's application.

$$\frac{\text{events}}{\text{yr}} * \frac{\text{scf}}{\text{event}} * \frac{\text{lb}}{\text{lbmol}} = \frac{\text{lbs VOC}}{\text{yr}} * \% \text{VOC}$$

$$= \text{VOC emissions} \frac{\text{tons}}{\text{yr}} * \frac{\text{yr}}{12 \text{ months rolling}} \leq \frac{0.07 \text{ tons}}{\text{m rolling 12}}$$

Ongoing compliance shall be demonstrated using the above equation and the recordkeeping in d)(1)f. above.

g) Miscellaneous Requirements

(1) None.

3. P007- Reciprocating Internal Combustion Engine for Generator.

Operations, Property and/or Equipment Description:

Cummins GTA38 – 803 HP, Natural Gas Fired, Spark Ignition, rich-burn internal combustion engine.

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|---|--|
| a. | OAC rule 3745-31-05(A)(3), as effective 06/30/2008 | NO _x emissions shall not exceed 1.0 g/hp-hr. CO emissions shall not exceed 2.0 g/hp-hr. VOC emissions shall not exceed 0.7 g/hp-hr. PE shall not exceed 0.062 lb./MMBtu actual heat input. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective 06/30/2008 | See b)(2)b. below. |
| c. | 40 CFR Part 60, Subpart JJJJ (40 CFR 60. 4230 – 60.4248) [In accordance with 40 CFR Part | NO _x emissions shall not exceed 1.0 g/hp-hr. CO emissions shall not exceed 2.0 g/hp- |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| | 60.4233(e) and 40 CFR Part 60, Subpart JJJJ, Table 1, this emissions unit is a \geq 500 hp, natural gas-fired, stationary spark internal combustion engine manufactured after July 1, 2010 that is located at a new natural gas compressor station and is subject to the emission limitations and control measures specified in this section.] | hr. VOC emissions shall not exceed 0.7 g/hp-hr. [40 CFR Part 60.4233(e) and 40 CFR Part 60, Subpart JJJJ, Table 1] See b)(2)c. below. |
| d. | 40 CFR Part 60.1-19 (40 CFR 60.4246) | Table 3 to Subpart JJJJ of 40 CFR Part 60 – Applicability of General Provisions to Subpart JJJJ shows which part of the General Provisions in 40 CFR Part 60.1-19 apply. |
| e. | OAC rule 3745-17-11(B)(5)(b) | PE shall not exceed 0.062 lb./MMBtu actual heat input. |
| f. | OAC rule 3745-17-07(A)(1) | Visible PE from the stack serving this emissions unit shall not exceed 20% opacity as a six-minute average, except as provided by the rule. |

(2) Additional Terms and Conditions

- a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a) (the less than 10 TPY BAT exemption) into the Ohio SIP.
- b. These rule paragraphs apply once US EPA approves OAC rule 3745-31-05(A)(3)(a) (the less than 10 TPY BAT exemption) into the Ohio SIP.

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the NO_x, CO, VOC, and PM emissions from this air contaminant source since the PTE for PM is less than 10 TPY.

- c. The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:

| | |
|-------------------|-----------------------------------|
| 60.4233(e) | Emission standards |
| 60.4234 | Duration of emission standards |
| 60.4243(b) | Demonstrating compliance |
| 60.4243(b)(2) | Purchasing a non-certified engine |
| 60.4243(b)(2)(ii) | Maintenance plan and records |
| 60.4243(e) | Use of propane |
| 60.4243(g) | Air-to-fuel ratio controllers |
| 60.4246 | General Provisions |

c) Operational Restrictions

- (1) The permittee shall burn only natural gas in this emissions unit.
- (2) The permittee shall install and operate the engine with a catalyst for the control of NO_x, CO, and VOC emissions whenever this emissions unit is in operation and shall maintain the engine in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.
- (3) In the event the engine is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the generator shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

- (1) 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.
- (2) The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:

| | |
|-------------------|--|
| 60.4243(b)(2) | Purchasing a non-certified engine |
| 60.4243(b)(2)(ii) | Maintenance plan and records |
| 60.4243(e) | Use of propane |
| 60.4243(g) | Air-to-fuel ratio controllers |
| 60.4244(a) | Performance testing |
| 60.4244(b) | Startup, shutdown, or malfunction |
| 60.4244(c) | Performance testing runs |
| 60.4244(d) | NO _x mass per unit output emission limitation |
| 60.4244(e) | CO mass per unit output emission limitation |
| 60.4244(f) | Emissions of formaldehyde |
| 60.4245(a)(1) | Notifications |
| 60.4245(a)(2) | Engine maintenance |
| 60.4245(a)(4) | Documentation of non-certified engines |
| 60.4246 | General Provisions |

- (3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, operating manuals for the engine, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

- (4) The permittee shall conduct periodic inspections of the engine to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency, and it shall be made available to the Ohio EPA upon request.
- (5) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the engine while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.
- (6) The permittee shall document each inspection (periodic and annual) of the engine and shall maintain the following information:
 - a. The date of the inspection;
 - b. A description of each/any problem identified and the date it was corrected;
 - c. A description of any maintenance and repairs performed; and
 - d. The name of the person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

- (7) The permittee shall maintain records that document any time periods when the oxidation catalyst was not in service when the emissions unit(s) was/were in operation, as well as a record of all operations during which the engine was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.
- (8) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:

| | |
|------------|-------------------------------|
| 60.4245(c) | Initial notification |
| 60.4245(d) | Performance testing reporting |

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:
 NO_x emissions shall not exceed 1.0 g/hp-hr.

 Applicable Compliance Method:

 Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).
 - b. Emissions Limitation:
 CO emissions shall not exceed 2.0 g/hp-hr.

 Applicable Compliance Method:

 Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).
 - c. Emissions Limitation:
 VOC emissions shall not exceed 0.7 g/hp-hr.

 Applicable Compliance Method:

 Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).

d. Emissions Limitation:

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

Applicable Compliance Method:

Compliance may be demonstrated by the emission factor found in AP 42 Section 3.2, Table 3.2-2 of .0099 lb.PE/MMBtu for Natural Gas fired reciprocating Engines.

If required, particulate emissions 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 US EPA-approved test methods may be used with prior approval from the Ohio EPA, SEDO.

e. Emissions Limitation:

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

Applicable Compliance Method:

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

- (2) When purchasing a non-certified engine, the permittee shall demonstrate compliance with the emission standards specified in 40 CFR 60.4233(e) and according to the requirements specified in 40 CFR 60.4244, as applicable. The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practices for minimizing emissions. In addition, the permittee must conduct an initial performance test.

The permittee has chosen to demonstrate compliance with the emission standards specified in §60.4233(e) and OAC rule 3745-31-05(A)(3) by performing a stack test, and therefore the permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the procedures specified in 40 CFR 60.4244; 40 CFR Part 60, Subpart JJJJ Table 1; and the following requirements:

- a. An initial performance test shall be performed to demonstrate compliance with the mass emissions limitations in 40 CFR 60.4233(e) and OAC rule 3745-31-05(A)(3) for VOC, NO_x, and CO, within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the emissions unit.



Final Permit-to-Install and Operate

Cain Ridge Compressor Station

Permit Number: P0120699

Facility ID: 0656035015

Effective Date: 10/27/2016

- b. If the stationary internal combustion engine is rebuilt, or undergoes major repair or maintenance the permittee shall conduct subsequent performance test.
 - c. Each performance test must be conducted within 10% of 100% peak (or the highest achievable) load and according to the requirements in 40 CFR 60.8 and under the specific conditions that are specified by Table 1 of 40 CFR Part 60, Subpart JJJJ.
 - d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southeast District Office's refusal to accept the results of the emission test(s).
 - e. Personnel from the Ohio EPA, Southeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
 - f. A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southeast District Office.
- g) Miscellaneous Requirements
- (1) None.

4. P008, Compressor Blowdowns

Operations, Property and/or Equipment Description:

Compressor Blowdowns

- 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. d)(2).
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| a. | OAC rule 3745-31-05(A)(3), as effective June 30, 2008 | VOC emissions shall not exceed 0.41 tons/m as a rolling, 12-month average.* *worse case, assume VOC content of gas is 5 times that of current sampling. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective June 30, 2008 | The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the PTE is < 10 TPY. See b)(2)b. below. |

- (2) Additional Terms and Conditions
 - a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption as part of the Ohio SIP).
 - b. These requirements apply once US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption) as part of the Ohio SIP.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall maintain the following records on a monthly basis for blowdown events:
 - a. The date and number of each blowdown event;
 - b. Percent VOC fraction in the gas stream obtained by representative sampling and analysis (e.g., gas chromatography);
 - c. The total volume of gas emitted from each blowdown event; the volume will be an engineering estimate based on the size of equipment blowdown;
 - d. An estimate of the total volume of gas emitted from all blowdown events as a rolling, 12-month average;
 - e. Gas density shall be derived from representative sampling data; and
 - f. Monthly VOC emissions in tons/m as a rolling, 12-month average.
 - (2) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.
- e) Reporting Requirements
 - (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

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:

VOC emissions shall not exceed 0.07 tons/m as a rolling, 12-month average.

Applicable Compliance Method:

The VOC emissions limitation for blowdowns was derived by the calculation below using the inputs provided in the permittee's application.

$$\frac{\text{events}}{\text{yr}} * \frac{\text{scf}}{\text{event}} * \frac{\text{lb}}{\text{lbmol}} = \frac{\text{lbs}}{\text{yr}} * \% \text{VOC} = \text{VOC emissions}$$

$$\frac{\text{TPY VOC Emissions}}{\text{yr}} * \frac{\text{yr}}{12 \text{ months rolling}} \leq \frac{0.41}{\text{m rolling 12}} \text{ tons}$$

Ongoing compliance shall be demonstrated using the above equation and the recordkeeping in d)(1)f. above.

g) Miscellaneous Requirements

(1) None.

5. P801, Leak Detection and Repair Program

Operations, Property and/or Equipment Description:

Leak Detection and Repair Program

- 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. d)(4).
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|---|
| a. | OAC rule 3745-31-05(A)(3), as effective June 30, 2008 | Develop and implement a site-specific leak detection and repair program as specified in 40 CFR 60.5397a. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective June 30, 2008 | The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the PTE is <10 TPY taking into account the voluntary restrictions under OAC rule 3745-31-05(E). See b)(2)b. below. |
| c. | OAC rule 3745-31-05(E), as effective June 30, 2008 | Develop and implement a site-specific leak detection and repair program as specified in 40 CFR 60.5397a. VOC emissions shall not exceed 0.2 TPY.* |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|---|---|
| | | *worse case, assume VOC content of gas is 5 times that of current sampling. |
| d. | 40 CFR Part 60, Subpart OOOOa (60.5360a-60.5432a) | The permittee shall develop and implement a leak detection and repair system as specified in 40 CFR 60.5397a. See b)(2)c. below. |
| e. | 40 CFR Part 60.1-19 | Table 3 to Subpart OOOOa of 40 CFR Part 60 – Applicability of General Provisions to Subpart OOOOa shows which part of the General Provisions in 40 CFR Part 60.1- 19 apply. |

(2) Additional Terms and Conditions

- a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption as part of the Ohio SIP.
- b. These requirements apply once US EPA approves OAC rule 3745-31-05(A)(3)(a)(ii) (the < 10 TPY BAT exemption) as part of the Ohio SIP.
- c. The permittee shall comply with the additional requirements required under 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-----------------|--|
| 60.5370a(a) | Compliance deadline |
| 60.5370a(b) | Maintain and operate equipment in manner consistent with good air pollution control practice for minimizing emissions. |
| 60.5370a(c) | Exemption from obligation to obtain a Title V permit. |
| 60.5397a(a) | Definition of fugitive emissions. |
| 60.5398a(a)-(f) | Alternative means requirements |

c) Operational Restrictions

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

| | |
|-------------|--|
| 60.5397a(a) | Repair all sources of fugitive emissions in accordance with paragraph (h) of this section. |
| 60.5397a(h) | Repair or replace identified sources of fugitive emissions in accordance with |

| | |
|-----------------------|--|
| | paragraphs (h)(1) and (2) of this section. For fugitive emissions components also subject to repair provisions of 60.5416a(b)(9)-(12) and (c)(4)-(7), those provisions apply instead to the closed vent system and covers. |
| 60.5397a(h)(1) | Repair or replace each identified source of fugitive emissions as soon as practicable, but no later than 30 calendar days after detection. |
| 60.5397a(h)(2) | If the repair or replace is technically infeasible, requires vent blowdown, a compressor or well shutdown, well shut-in, or would be unsafe to repair during operation, the repair or replacement must be completed during the next compressor or well shutdown, well shut-in, after an unscheduled, planned or emergency vent blowdown or within 2 years, whichever is earlier. |
| 60.5397a(h)(3) | Conduct resurvey on any repaired or replaced component as soon as practicable, but no later than 30 days after being repaired. |
| 60.5397a(h)(3)(i)-(v) | Required Methodology for surveys after repair or replacement. |

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-----------------------------------|--|
| 60.5397a(a) | Monitor all fugitive emissions components in accordance with paragraphs (b) through (g) of this section. |
| 60.5397a(a) | Maintain records in accordance with paragraph (i) of this section. |
| 60.5397a(b) | Develop emissions monitoring plan in accordance with paragraphs (c) and (d) of this section. |
| 60.5397a(c)(1)-(8) and (d)(1)-(4) | Information required in monitoring plan |
| 60.5397a(e) | Monitoring survey shall observe each component for fugitive emissions. |

| | |
|------------------------|---|
| 60.5397a(f)(2) | Conduct initial monitoring survey within 60 days of startup of production at a new compressor station or by June 3, 2017, whichever is later. For modification at compressor station, conduct initial monitoring survey within 60 days of first day after modification of component or by June 3, 2017, whichever is later. |
| 60.5397a(g) | Perform monitoring survey at the frequencies specified in paragraphs (g)(1) and (2) of this section, with exceptions noted in paragraph (g)(3) and (4) of this section. |
| 60.5397a(g)(1) | Conduct semiannual monitoring survey at well after initial survey. Consecutive semiannual surveys must be conducted at least 4 months apart. |
| 60.5397a(g)(2) | Conduct quarterly monitoring survey at compressor station at least quarterly after initial survey. Consecutive quarterly monitoring surveys must be conducted at least 60 days apart. |
| 60.5397a(g)(3)(i)-(iv) | Identify difficult-to-monitor components, develop written plan, and inspect once a year. |
| 60.5397a(g)(4)(i)-(iv) | Identify unsafe-to monitor components and develop written plan. |

- (2) Modeling to demonstrate compliance with, the “Toxic Air Contaminant Statute”, ORC 3704.03(F)(4)(b), was not necessary because the emissions unit’s maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-------------|---|
| 60.5397a(a) | Report in accordance with paragraph (j) of this section. |
| 60.5397a(j) | Submit annual reports that include the information specified in 60.5420a(b)(7). |

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:

VOC emissions shall not exceed 0.2 TPY.

Applicable Compliance Method:

Compliance with the fugitive VOC emissions limitation shall be demonstrated by the following calculation based on the emissions factors provided in Table 2-4 of US EPA's Protocol for Equipment Leak Emission Estimates (11/95) for components in gas, light oil, and water/oil service and the information provided in the permittee's application:

$$\left(\sum \text{component count} * \text{component TOC EF} * \text{max leak rates} * \text{VOC weight percent} \right) \leq 0.2 \text{ TPY}$$

Where component counts, max leak rates, TOC EFs, VOC weight percent, and scheduled maintenance venting parameters are based on the data provided in the permittee's application.

g) Miscellaneous Requirements

(1) None.

6. Emissions Unit Group -2,370 hp engines: P001,P002,

| EU ID | Operations, Property and/or Equipment Description |
|--------------|--|
| P001 | CAT 3608 reciprocating compressor rated at 2,370 hp. |
| P002 | CAT 3608 reciprocating compressor rated at 2,370 hp. |

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. d)(9).

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|---|--|
| a. | OAC rule 3745-31-05(A)(3), as effective 06/30/2008 | NO _x emissions shall not exceed 1.0 g/hp-hr. CO emissions shall not exceed 2.0 g/hp-hr. VOC emissions shall not exceed 0.7 g/hp-hr. PE shall not exceed 0.062 lb./MMBtu actual heat input. See b)(2)a. below. |
| b. | OAC rule 3745-31-05(A)(3)(a)(ii), as effective 06/30/2008 | See b)(2)b. below. |
| c. | 40 CFR Part 60, Subpart JJJJ (40 CFR 60. 4230 – 60.4248) | NO _x emissions shall not exceed 1.0 g/hp-hr. |
| | [In accordance with 40 CFR Part | CO emissions shall not exceed 2.0 g/hp- |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|--|
| | 60.4233(e) and 40 CFR Part 60, Subpart JJJJ, Table 1, this emissions unit is a \geq 500 hp, natural gas-fired, stationary spark internal combustion engine manufactured after July 1, 2010 that is located at a new natural gas compressor station and is subject to the emission limitations and control measures specified in this section.] | hr. VOC emissions shall not exceed 0.7 g/hp-hr. [40 CFR Part 60.4233(e) and 40 CFR Part 60, Subpart JJJJ, Table 1] See b)(2)c. below. |
| d. | 40 CFR Part 60.1-19 (40 CFR 60.4246) | Table 3 to Subpart JJJJ of 40 CFR Part 60 – Applicability of General Provisions to Subpart JJJJ shows which part of the General Provisions in 40 CFR Part 60.1-19 apply. |
| e | 40 CFR 60, Subpart OOOOa (60.5360-60.5430) [In accordance with 40 CFR 60.5365(c), this emissions unit is a reciprocating compressor subject to the Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution.] | See b)(2)d. below. |
| f. | OAC rule 3745-17-11(B)(5)(b) | PE shall not exceed 0.062 lb./MMBtu actual heat input. |
| g. | OAC rule 3745-17-07(A)(1) | Visible PE from the stack serving this emissions unit shall not exceed 20% opacity as a six-minute average, except as provided by the rule. |

(2) Additional Terms and Conditions

- a. This BAT emissions limit applies until US EPA approves OAC rule 3745-31-05(A)(3)(a) (the less than 10 TPY BAT exemption) into the Ohio SIP.
- b. These rule paragraphs apply once US EPA approves OAC rule 3745-31-05(A)(3)(a) (the less than 10 TPY BAT exemption) into the Ohio SIP.

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the NO_x, CO, VOC, and PM emissions from this air contaminant source since the PTE for PM is less than 10 TPY.
- c. The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:



| | |
|-------------------|-----------------------------------|
| 60.4233(e) | Emission standards |
| 60.4234 | Duration of emission standards |
| 60.4243(b) | Demonstrating compliance |
| 60.4243(b)(2) | Purchasing a non-certified engine |
| 60.4243(b)(2)(ii) | Maintenance plan and records |
| 60.4243(e) | Use of propane |
| 60.4243(g) | Air-to-fuel ratio controllers |
| 60.4246 | General Provisions |

- d. The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-----------------|--|
| 60.5370a(a) | Compliance deadline |
| 60.5370a(b) | Maintain and operate equipment in manner consistent with good air pollution control practice for minimizing emissions. |
| 60.5370a(c) | Exemption from obligation to obtain a Title V permit. |
| 60.5398a(a)-(f) | Alternative means requirements |

c) Operational Restrictions

- (1) The permittee shall burn only natural gas in this emissions unit.
- (2) The permittee shall install and operate the engine with a catalyst for the control of NO_x, CO, and VOC emissions whenever this emissions unit is in operation and shall maintain the engine in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.
- (3) In the event the engine is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the generator shall be expeditiously repaired or otherwise returned to these documented operating conditions.
- (4) The permittee shall comply with the applicable restrictions of 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-------------|--|
| 60.5385a(a) | Replace the reciprocating compressor rod packing according to either paragraph (a)(1) or (a)(2) of this section, or you must comply with paragraph (a)(3) of this section. |
|-------------|--|

d) Monitoring and/or Recordkeeping Requirements

- (1) 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.
- (2) The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:

| | |
|-------------------|--|
| 60.4243(b)(2) | Purchasing a non-certified engine |
| 60.4243(b)(2)(ii) | Maintenance plan and records |
| 60.4243(e) | Use of propane |
| 60.4243(g) | Air-to-fuel ratio controllers |
| 60.4244(a) | Performance testing |
| 60.4244(b) | Startup, shutdown, or malfunction |
| 60.4244(c) | Performance testing runs |
| 60.4244(d) | NO _x mass per unit output emission limitation |
| 60.4244(e) | CO mass per unit output emission limitation |
| 60.4244(f) | Emissions of formaldehyde |
| 60.4245(a)(1) | Notifications |
| 60.4245(a)(2) | Engine maintenance |
| 60.4245(a)(4) | Documentation of non-certified engines |
| 60.4246 | General Provisions |

- (3) The permittee shall comply with the applicable monitoring and recording of 40 CFR Part 60, Subpart OOOOa, including the following sections:

| | |
|-------------|--|
| 60.5385a(b) | Initial compliance must be demonstrated with standards that apply to reciprocating compressor facilities as required by 60.5410a(c) |
| 60.5385a(c) | Continuous compliance must be demonstrated with standards that apply to reciprocating compressor affected facilities a required by 60.5415a(c) |
| 60.5385a(d) | Record keeping must be performed as required by 60.5240(a)(c)(3), (6) through (9) and (17) as applicable. |

- (4) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, operating manuals for the engine, along with documentation of any

modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

- (5) The permittee shall conduct periodic inspections of the engine to determine whether it is operating in accordance with the manufacturer's recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer's recommended inspection frequency, and it shall be made available to the Ohio EPA upon request.
- (6) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the engine while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.
- (7) The permittee shall document each inspection (periodic and annual) of the engine and shall maintain the following information:
 - a. The date of the inspection;
 - b. A description of each/any problem identified and the date it was corrected;
 - c. A description of any maintenance and repairs performed; and
 - d. The name of the person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

- (8) The permittee shall maintain records that document any time periods when the oxidation catalyst was not in service when the emissions unit(s) was/were in operation, as well as a record of all operations during which the engine was not operated according to the manufacturer's recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.
- (9) The permittee shall continuously monitor the number of hours of operation for this emission unit or track the number of months since the last rod packing replacement.
- (10) Modeling to demonstrate compliance with, the "Toxic Air Contaminant Statute", ORC 3704.03(F)(4)(b), was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified PTIO prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air



contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new PTIO.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOOa, including the following section(s):

| | |
|-------------|---|
| 60.5385a(d) | Reporting requirements must be performed as required by 60.5420a(b)(1) and (4). |
|-------------|---|

- (3) The permittee shall comply with the applicable requirements of 40 CFR Part 60, Subpart JJJJ, including the following sections:

| | |
|------------|-------------------------------|
| 60.4245(c) | Initial notification |
| 60.4245(d) | Performance testing reporting |

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:

NO_x emissions shall not exceed 1.0 g/hp-hr.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).

b. Emissions Limitation:

CO emissions shall not exceed 2.0 g/hp-hr.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).

c. Emissions Limitation:

VOC emissions shall not exceed 0.7 g/hp-hr.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the emissions testing requirements specified in f)(2).

d. Emissions Limitation:

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

Applicable Compliance Method:

Compliance may be demonstrated by the emission factor found in AP 42 Section 3.2, Table 3.2-2 of .0099 lb.PE/MMBtu for Natural Gas fired reciprocating Engines.

If required, particulate emissions 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 US EPA-approved test methods may be used with prior approval from the Ohio EPA, SEDO.

e. Emissions Limitation:

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

Applicable Compliance Method:

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

f. Emissions Limitation:

Replace the reciprocating compressor rod packing according to either paragraph (1) or (2) noted below:

(1) On or before the compressor has operated for 26,000 hours: or

(2) Prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.

Applicable Compliance Method:

Compliance shall be demonstrated by the information collected and recorded in d)(8).

- (2) When purchasing a non-certified engine, the permittee shall demonstrate compliance with the emission standards specified in 40 CFR 60.4233(e) and according to the requirements specified in 40 CFR 60.4244, as applicable. The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practices for minimizing emissions. In addition, the permittee must conduct an initial performance test.

The permittee has chosen to demonstrate compliance with the emission standards specified in §60.4233(e) and OAC rule 3745-31-05(A)(3) by performing a stack test, and therefore the permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the procedures specified in 40 CFR 60.4244; 40 CFR Part 60, Subpart JJJJ Table 1; and the following requirements:

- a. An initial performance test shall be performed to demonstrate compliance with the mass emissions limitations in 40 CFR 60.4233(e) and OAC rule 3745-31-05(A)(3) for VOC, NO_x, and CO, within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the emissions unit.
- b. If the stationary internal combustion engine is rebuilt, or undergoes major repair or maintenance the permittee shall conduct subsequent performance test.
- c. Each performance test must be conducted within 10% of 100% peak (or the highest achievable) load and according to the requirements in 40 CFR 60.8 and under the specific conditions that are specified by Table 1 of 40 CFR Part 60, Subpart JJJJ.
- d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southeast District Office's refusal to accept the results of the emission test(s).
- e. Personnel from the Ohio EPA, Southeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



Final Permit-to-Install and Operate

Cain Ridge Compressor Station

Permit Number: P0120699

Facility ID: 0656035015

Effective Date: 10/27/2016

f. A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southeast District Office.

g) Miscellaneous Requirements

(1) None.