

Facility ID: 1576001914 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1576001914 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
100 HP 4-stroke rich burn natural gas fired compressor engine	OAC rule 3745-31-05(A)(3) PTI 15-01507	The nitrogen oxide (NOx) emissions shall not exceed 3.97 lbs/hour and 17.4 tons/yr.
Portable Emissions Unit		The carbon monoxide (CO) emissions shall not exceed 0.29 lb/hour and 1.27 tons/yr. The organic compound (OC) emissions shall not exceed 0.07 lb/hour and 0.31 ton/yr. The PM emissions shall not exceed 0.074 lb/hr and 0.32 ton/yr. No visible particulate emissions shall be exhausted from the stack. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(5)(a). OAC rule 3745-17-11(B)(5)(a) Particulate emissions shall not exceed 0.310 lb/MMBtu. OAC rule 3745-17-07(A)(1) The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) The permittee shall burn only natural gas in this emissions unit.

B. Operational Restrictions

1. none

C. Monitoring and/or Record Keeping 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.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emissions Limitations:
The nitrogen oxides (NOx) emissions shall not exceed 3.97 lbs/hour and 17.4 tons/yr.

Applicable Compliance Method:

Compliance with the 3.97 lbs/hour NOx emission limitation shall be demonstrated the use of mfg. emission factor for Natural Gas-Fired Reciprocating Engines (18 grams of NOx/hp-hr).

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 7. Alternative U.S. EPA approved test methods may be used with prior approval from the Canton local air agency.

Emissions Limitations:

The carbon monoxide (CO) emissions shall not exceed 0.29 lb/hour and 1.27 tons/yr.

Applicable Compliance Method:

Compliance with the 0.29 lb/hour CO emission limitation shall be demonstrated by the use of mfg. emission factor for Natural Gas-Fired Reciprocating Engines (1.3 grams/hp-hr).

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Canton local air agency.

Emissions Limitations:

The organic compound (OC) emissions shall not exceed 0.07 lb/hour and 0.31 ton/yr.

Applicable Compliance Method:

Compliance with the 0.07 lb/hour OC emissions limitation shall be demonstrated by the use of mfg. emission factor for Natural Gas-Fired Reciprocating Engines (0.3 grams/hp-hr).

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 25 or 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Canton local air agency.

Emissions Limitations:

Particulate emissions shall not exceed 0.310 lb/MMBtu of actual heat input.

Applicable Compliance Method:

Compliance with the particulate matter emission limitation of 0.310 lb/MMBtu of actual heat input is demonstrated by the use of AP-42, Table 3.2-3 (7/00) emission factor for Natural Gas-Fired Reciprocating Engines (9.5 x 10⁻³ lb of particulate matter/MMBtu of actual heat input).

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Methods 1-5 and the procedures specified in OAC rule 3745-17-03. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Southeast District Office.

Emissions Limitation:

No visible particulate emissions shall be exhausted from the stack.

Applicable Compliance Method:

Compliance with the visible emissions limitations shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996).

F. Miscellaneous Requirements

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing the following criteria are met:
 - the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - the portable emissions unit is operating pursuant to a currently effective PTI, permit to operate (PTO) or registration status;
 - the applicant has provided proper notice of intent to relocate the portable emissions unit to the Canton local air agency and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
 - in the Canton local air agency's and the appropriate field office's judgment, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
 - the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
 - the portable emissions unit is equipped with best available technology;
 - the portable emissions unit owner has identified the proposed site to Ohio EPA;
 - Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
 - the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and
 - the portable emissions unit owner has provided the Ohio EPA with fifteen days' written notice of the relocation.
3. Any site approvals issued by the Ohio EPA, pursuant to F.2. above, shall be valid for no longer than three years and are subject to renewal.

In order for the Canton local air agency and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the Canton local air agency and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the Canton local air agency and/or the appropriate field office having jurisdiction over the new site will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.