

Facility ID: 0857043068 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: 0857043068 Emissions Unit ID: B002 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>
B002 - 1.28 mmBtu/hr diesel portable generator	OAC rule 3745-31-05(A)(3) PTI 08-04594	The requirements of this rule also include compliance with the requirements of OAC rule 3745-18-06 (G) , 3745-17-07 (A) and 3745-17-11 (B)(5)(a). The particulate emissions (PE) from this emissions unit shall not exceed 0.39 lb/hr and 1.71 tons/yr. The nitrogen oxides (NOx) from this emissions unit shall not exceed 0.83 lb/hr and 3.64 tons/yr. The carbon monoxide (CO) from this emissions unit shall not exceed 1.22 lbs/hr and 5.34 tons/yr. The sulfur dioxide (SO2) from this emissions unit shall not exceed 0.37 lb/hr and 1.62 tons/yr. The organic compound (OC) from this emissions unit shall not exceed 0.45 lb/hr and 1.97 tons/yr. Exempt pursuant to OAC rule 3745-18-06 (B). Particulate emissions shall not exceed 0.310 lb particulate/mmBtu of actual heat input. Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	OAC rule 3745-18-06 (G)	
	OAC rule 3745-17-11 (B)(5)(a)	
	OAC rule 3745-17-07(A)	

2. Additional Terms and Conditions

- (b) The hourly and annual emission limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

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 diesel oil, the permittee shall maintain a record of

the type and quantity of fuel burned in emissions unit B002.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports to the Director (the appropriate Ohio EPA District Office or local air agency) that identify each day when a fuel other than diesel oil was burned in emissions unit B002. Each report shall be submitted in within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance Method

Compliance with the emission limitations in this permit for emissions unit B002 shall be determined in accordance with the following method(s):

Emission Limitation-
0.31 lb particulate/mmBtu actual heat input

Compliance shall be based on the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 of 0.310 lb PM/mmBtu. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation-
1.71 tons/yr PE

Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

Emission Limitation-
0.83 lb/hr NOx

Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1, of 4.41 lb NOx/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.28 mmBtu/hr.

Emission Limitation-
3.64 tons/yr NOx

Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

Emission Limitation-
1.22 lbs/hr CO

Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors Section 3.3, Table 3.3-1 of 0.95 lb CO/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.28 mmBtu/hr.

Emission Limitation-
5.34 tons/yr CO

Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

Emission Limitation-
0.37 lb/hr SO2

Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition, (10/96), Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 of 0.29 lb SO2/mmBtu. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 6 of 40 CFR Part 60, Appendix A.

Emission Limitation-
1.62 tons/yr SO2

Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

Emission Limitation-
0.45 lb/hr OC

Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 of 0.35 lb OC/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.28 mmBtu/hr.

Emission Limitation-
1.97 tons/yr OC

Applicable Compliance Method-

As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton)

Opacity Limitation-

visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method-

Compliance with the visible emission limitation is presumed through the use of diesel fuel. If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the tests and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source

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:

- a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Director (the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site) within a minimum of thirty days prior to the scheduled relocation; and
- d. in the Director's (the appropriate Ohio EPA District Office and/or local air agency) judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been preapproved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:

- a. the permittee has applied for and obtained a site approval for the new site from the Director;
- b. the site approval is current and effective;
- c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
- d. the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.