

Facility ID: 1431404076 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: 1431404076 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
portable diesel-fired generator	OAC rule 3745-31-05(A)(3) (PTI 14-5008)	0.53 lb of particulate emissions (PE)/hour
		0.53 lb of particulate matter emissions with a diameter of ten microns or less (PM10)/hour
		1.74 TPY of PE
		1.74 TPY of PM10 emissions
		0.49 lb of sulfur dioxide (SO2) emissions/hour
		1.61 TPY of SO2 emissions
		7.5 lbs of nitrogen oxides (NOx) emissions/hour
		24.6 TPY of NOx emissions
		1.61 lbs of carbon monoxide (CO) emissions/hour
		5.29 TPY of CO emissions
OAC rule 3745-17-07(A)(1)	0.61 lb of organic compound (OC) emissions/hour	
	2.0 TPY of OC emissions	
	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1). See Section A.2 below.	
OAC rule 3745-17-11(B)(5)(a)	0.310 lb of PE/mmBtu of actual heat input	

2. **Additional Terms and Conditions**
 - (a) The hourly emission limitations specified above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these emission limitations.

B. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,570 hours per year.
2. The permittee shall burn only diesel fuel in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records that summarize the total number of hours this emissions unit was in operation.
2. The permittee shall maintain records for each calendar year that summarize the total number of hours this emissions unit was in operation (summation of the monthly records in C.1 for the calendar year).
3. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record

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

4. The permittee shall maintain records of the dates and places of any relocation of this emissions unit.

D. Reporting Requirements

1. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that specify the total number of hours this emissions unit was in operation during the previous calendar year. These reports shall be submitted by January 31 of each year for the preceding calendar year.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel 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 limitations specified in Section A.1 and the operational restrictions specified in Sections B.1 and B.2 shall be determined in accordance with the following methods:
Emission Limitations: 0.53 lb/hour and 1.74 TPY of PE; 0.53 lb/hour and 1.74 TPY of PM10; 0.49 lb/hour and 1.61 tons per year of SO₂ emissions; 7.5 lbs/hour and 24.6 TPY of NO_x emissions; 1.61 lbs/hour and 5.29 TPY of CO emissions; 0.61 lb/hour and 2.0 TPY of OC emissions

Applicable Compliance Method: The hourly emission limitations of each pollutant are based upon the emissions unit's potential to emit and were established by multiplying the maximum fuel consumption (in gallons/hour) of the emissions unit by the appropriate emission factor of each pollutant (in lbs/gallon) as specified in AP-42, Fifth Edition, Chapter 3, "Gasoline and Diesel Industrial Engines," Table 3.3-1, dated October 1996. Compliance with the annual emission limitations are ensured if compliance is maintained with the maximum annual operation limitation (6,570 hours) of the emissions unit.

Visible PE Limitation: Visible PE from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined using the method specified in OAC rule 3745-17-03(B)(1).

Emission Limitation: 0.310 lb of PE/mmBtu of actual heat input

Applicable Compliance Method: Compliance with the PE limitation shall be determined by using the appropriate emission factor from AP-42, "Compilation of Air Pollutant Emission Factors," Fifth Edition, or, if required, by emission testing in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

Operational Restriction: maximum of 6,570 hours per year

Applicable Compliance Method: Compliance with the annual operational restriction shall be determined by the record keeping requirements specified in Section C.2.

Operational Restriction: fuel use limited to diesel fuel

Applicable Compliance Method: Compliance with the fuel type restriction shall be determined by the record keeping requirements specified in Section C.3.

F. Miscellaneous Requirements

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

In order for the Hamilton County Department of Environmental Services and the appropriate Ohio EPA field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee

shall 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 Hamilton County Department of Environmental Services (250 William Howard Taft Road, Cincinnati, OH 45219) and the appropriate Ohio EPA field office having jurisdiction over the new site.

Upon receipt of the notice, the Hamilton County Department of Environmental Services and/or appropriate Ohio EPA 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 civil penalties.