Facility ID: 0857043182 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: 0857043182 Emissions Unit ID: B001 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
portable diesel generator	OAC rule 3745-31-05(A)(3) PTI 08-04817	The sulfur dioxide (SO2) emissions from this emissions unit shall not exceed 5.49 lbs/hr and 24.07 tons/yr. The nitrogen oxides (NOx) emissions from this emissions unit shall not exceed 6.87 lbs/hr and 30.09 tons/yr. The carbon monoxide (CO) emissions from this emissions unit shall not exceed 3.07 lbs/hr and 13.46 tons/yr.
	OAC rule 3704.03(T)(4)	See A.2.a.
	OAC rule 3745-17-07(A)(1)(b)	The visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except for one 6-minute period per hour of not more than 60% opacity.
	OAC rule 3745-17-11(B)(5)(b)	The particulate emissions (PE) shall not exceed 0.062 pounds per million BTU of actual heat input for a stationary large internal combustion engine.
	OAC rule 3745-18-06(G)	See A.2.c.
	OAC rule 3745-21-08(B)	See A.2.d.
	OAC rule 3745-21-07(B)	See A.2.e.

2. **Additional Terms and Conditions**

   (a) The Best Available Technology (BAT) requirements under OAC rule 3745-31-5(A)(3) do not apply to the particulate emissions (PE), and organic compound (OC) emissions from this air contaminant source since the uncontrolled potential to emit for PE and OC are less than ten tons per year.
   The lb/mmBtu actual heat input, lbs/hr and tons/yr emissions limitations are based on the emissions unit's potential to emit. Therefore, no monitoring, record keeping and reporting requirements are necessary to ensure compliance with these limitations.
   This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) in accordance with OAC rule 3745-18-06(B).
   The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-08 by committing to comply with the emissions limitations established pursuant to OAC rule 3745-21-08(B) and 3745-31-05(A)(3), respectively.

   On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.
   The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) by committing to comply with the emissions limitations established

pursuant to OAC rule 3745-21-07(B).

B. **Operational Restrictions**

1. The permittee shall burn only No. 2 or diesel fuel in this emissions unit.

C. **Monitoring and/or Record Keeping Requirements**

1. For each day during which the permittee burns a fuel other than No.2 or diesel fuel in this emissions unit, the permittee shall maintain a record of the type and quantity of fuel burned.

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 No. 2 or diesel fuel was burned in this emissions unit. Each report shall be submitted within 45 days after the deviation occurs.

E. **Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation(s):
The SO2 emissions from this emissions unit shall not exceed 5.49 lbs/hr and 24.07 tons/yr.

Applicable Compliance Method(s):
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.4, Table 3.4-1 (10/96). Compliance with the lb/hr emission limitation is based on the emission factor of 1.52 lbs SO2/MMBtu heat input. Compliance with the annual emission limitation may be demonstrated by multiplying the emission factor of 1.52 lbs SO2/mmBtu heat input value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 6.
Emission Limitation(s):
The NOx emissions from this emissions unit shall not exceed 6.87 lbs/hr and 30.09 tons/yr.

Applicable Compliance Method(s):
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.4, Table 3.4-1 (10/96). Compliance with the lb/hr emission limitation is based on the controlled emission factor of 1.90 lbs NOx/MMBtu heat input. Compliance with the annual emission limitation may be demonstrated by multiplying the emission factor of 1.90 lbs NOx/mmBtu heat input value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 7.
Emission Limitation(s):
The CO emissions from this emissions unit shall not exceed 3.07 lbs/hr and 13.46 tons/yr.

Applicable Compliance Method(s):
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 3.4, Table 3.4-1 (10/96). Compliance with the lb/hr emission limitation is based on the emission factor of 0.85 lb CO/MMBtu heat input. Compliance with the annual emission limitation may be demonstrated by multiplying the emission factor of 0.85 lb CO/mmBtu heat input value by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr), then multiplying by 8760 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 4, and 10.
Emission Limitation:
The visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except for one 6-minute period per hour of not more than 60% opacity.

Applicable Compliance Method:
Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.
Emission Limitation:
The PE shall not exceed 0.062 pounds per million BTU of actual heat input for a stationary large internal combustion engine.

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance with the lb/mmBtu emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1- 5.

F. **Miscellaneous Requirements**

1. Notice to Relocate a Portable Source

Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable source may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable source shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):

i. the portable source is equipped with the best available technology for such portable source;

ii. the portable source is operating pursuant to a currently effective permit to install, permit to operate (PTO), or registration status;

iii. the applicant has provided proper notice of the intent to relocate the portable source to the (1.) Ohio EPA District Office or local air agency responsible for the permit(s) for the source and (2.) the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and

iv. in the judgement of the Ohio EPA District Office or local air agency having jurisdiction over the new site, 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 of a portable source may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC rule 3745-31-05(E) are met:

i. the portable source permittee possesses an Ohio EPA PTI, PTO or registration status;

ii. the portable source is equipped with best available technology;

iii. the portable source owner has identified the proposed site to Ohio EPA;

iv. Ohio EPA has determined that the portable source, 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 portable source owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable source to this proposed site; and

vii. the portable source owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the permitting Ohio EPA District Office or local air agency and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable source must file a " Notice of Intent to Relocate" within the specified time frame (30 or 15 days), prior to the relocation of the portable source with the Ohio EPA District Office or local air agency responsible for the permits for the source and the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, the Ohio EPA District Office or local air agency responsible for the permits for the portable source, and/or appropriate Ohio EPA District Office or local air agency 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 portable source may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.