

Facility ID: 1431073463 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: 1431073463 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
64.2 mmBtu/hr landfill/natural gas-fired boiler	OAC rule 3745-31-05 (A)(3) (PTI 14-2410)	PM: 0.003 lb/mmBtu HF: 0.0015 lb/mmBtu SO2: 0.0077 lb/mmBtu VOC: 0.010 lb/mmBtu NOx: 0.18 lb/mmBtu CO: 0.15 lb/mmBtu HCl: 0.023 lb/mmBtu
	40 CFR, Part 60, Subpart Dc	See section A.2.a below. The requirements established pursuant to this regulation are equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	The visible particulate emission limitation specified in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-10(B)(1)	The particulate emission limitation specified in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-08(B)	The CO emissions shall be minimized by use of the best available control techniques and operating practices established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-23-06(B)	The nitrogen oxide emission limitation specified in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) The visible particulate emissions from this emissions unit shall not exceed 10% opacity at any time.

B. Operational Restrictions

1. The permittee shall operate and maintain low NOx burners during all periods of operation of this emissions unit.
2. The permittee shall use only landfill gas and/or natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall record and maintain records of the amount of each fuel combusted in this emissions unit during each day, in mm scf.
2. The permittee shall collect once per month a sample of purge gas and landfill gas. Each sample shall be analyzed for heat content (Btu/scf).
3. The permittee shall record and maintain records of the type and amount of fuel other than landfill gas or natural gas combusted in this emissions unit during each day.

D. Reporting Requirements

1. The permittee shall submit a report to the Hamilton County Department of Environmental Services of any day during which fuel other than landfill gas and/or natural gas was combusted in this emissions unit. The report shall be submitted within 30 days of the occurrence and shall include the amount of such fuel. The report shall also include the corrective action taken to prevent use of the fuel from recurring in the future.

E. Testing Requirements

1. Compliance with the visible particulate emission limitation in Section A.2.a shall be determined using Test Method 9 as specified in 40 CFR, Part 60, Appendix A. However, the data reduction provision (i.e., 6-minute averaging) shall not apply.
2. Compliance with the PM, NOx, VOC, CO, and SO2 emission limitations shall be determined by either the emission factors outlined in AP-42, Fifth Edition (revised 2/98), Tables 1.4-1 and 1.4-2 or, if required, by emission testing using the appropriate USEPA test methods in 40 CFR, Part 60, Appendix A.
3. Compliance with the HF and HCl emission limitations shall be determined by either the emission factors determined by the lab analyses of landfill gas on June 5, 1991 or, if required, by emission testing using the appropriate USEPA test methods in 40 CFR, Part 60, Appendix A.
4. The permittee may be required to have another landfill gas analysis performed if the Hamilton County Department of Environmental Services determines that an additional analysis is necessary.

F. Miscellaneous Requirements

1. None