

Facility ID: 0247010812 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: 0247010812 Emissions Unit ID: N001 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>
Shenandoah model P-16, natural gas fired, pathological incinerator rated at 60 pounds per hour, controlled by an afterburner.	OAC rule 3745-31-05(A)(3) PTI 02-4192	See A.2.b. below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A) and OAC rule 3745-17-09 as stated below.
	OAC rule 3745-17-07(A)	See A.2.c. below.
	OAC rule 3745-17-09(B)	See A.2.a. below.

**2. Additional Terms and Conditions**

- (a) Particulate matter emissions shall not exceed 0.2 pound per 100 pounds of material charged.  
Particulate matter emissions shall not exceed 0.263 ton per year.  
Visible emissions shall not exceed twenty (20) percent opacity as a six-minute (6) average except as provided by rule.

**B. Operational Restrictions**

1. The permittee shall operate and maintain the incinerator in such a way to meet all applicable engineering standards and practices and to meet the recommendations of the manufacturer in order to minimize the release of air contaminant emissions and objectionable odors.
2. The permittee shall not charge this emissions unit with "infectious waste" as defined in OAC rule 3745-75-01(C)(4).
3. The incinerator shall be operated only by personnel adequately trained.
4. The permittee shall ignite the afterburner 15 minutes prior to ignition of refuse and continue its use during the entire burn cycle.

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations in section A.1. and A.2. of these Special Terms and Conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
0.20 pound of particulate matter emissions per 100 pounds of material charged.  
  
Applicable Compliance Method:  
If required, compliance with this mass emissions limitations shall be based on stack testing per OAC rule 3745-17-03(B)(8), (USEPA Method 1-5, 40 CFR 60, Appendix A).  
Emission Limitation:  
0.53 ton of particulate matter emissions per year.  
  
Applicable Compliance Method:  
Compliance with this emissions limit shall be demonstrated by utilizing the following equation:

EPMYR = 0.073 (lbs./hour) X 1/2000 (ton/lbs.) X (actual hours of operation/year)

where:

0.073 pound of particulate matter per hour is from a stack test report submitted with the PTI application for an identical unit; and

EPMYR = emission of particulate matter emissions, in ton per year.

Emission Limitation:

Visible emissions shall not exceed twenty (20) percent opacity as a six-minute (6) average.

Applicable Compliance Method:

Compliance with this visible emissions limitation shall be determined by USEPA Method 9 (40 CFR Part 60, Appendix A).

**F. Miscellaneous Requirements**

1. A copy of these terms and conditions shall be visibly posted near the incinerator.