

Facility ID: 0829060002 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: 0829060002 Emissions Unit ID: N002 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>
Pathological Animal Incinerator 65 lbs/hr	OAC rule 3745-31-05 (A)(3) PTI 08-507	0.05 TPY particulate emissions  5% opacity visible emissions, as a 6-minute average
	OAC rule 3745-17-09 (B)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-09 (B). 0.20 pound particulate emissions/100 pounds of material charged
	OAC rule 3745-17-07 (A)	The requirement specified by this rule is less stringent than the requirement established pursuant to OAC rule 3745-31-05 (A)(3).

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The secondary combustion chamber temperature shall be maintained at 1800 degrees Fahrenheit or greater during each cremation cycle.
2. The type of wastes to be burned in this emissions unit shall be limited to type 0 (trash), type 4 (pathological waste) and type 5 (industrial by-product wastes).
3. The permittee shall follow proper operating procedures at all times during operation of this emissions unit. These procedures shall include a pre-heating cycle of not less than twenty (20) minutes prior to following the procedures set forth by the incinerator manufacturer, or an equivalent thermocouple pre-heating system.  
  
The proper operating procedures shall be posted in a conspicuous place near the incinerator.
4. The incinerator shall be cleaned regularly and maintained in good repair and operating order at all times.
5. The maximum annual operating hours for this emissions unit shall not exceed 780 hours.

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

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the secondary combustion chamber temperature, in degrees Fahrenheit, during each cremation cycle. The temperature monitor recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.
2. The permittee shall maintain a log of all periods of time when the emissions unit is in operation and the secondary chamber temperature was less than 1800 degrees Fahrenheit.
3. The permittee shall maintain monthly records of the operating hours for this emissions unit.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA, District Office or local air agency) in writing of the following: any record of deviation of the secondary combustion chamber temperature below 1800 degrees

Fahrenheit; and of any exceedance of the hours of operation limitation. The notification shall include a copy of such record, including any corrective action(s) taken, and shall be sent to the Director (the appropriate Ohio EPA, District Office or local air agency) within 45 days after the deviation occurs.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-  
0.20 pound particulate emissions/100 pounds of material charged

Applicable Compliance Method-

If required, compliance with this mass emission limitation shall be based upon stack testing per OAC rule 3745-17-03 (B)(6)

Emission Limitation-  
0.05 TPY particulate emissions

Applicable Compliance Method-

This limit is based on the rated capacity of the emissions unit (65 pounds of pathological waste/hour) multiplied by the allowable emission limit of 0.20 lb particulate matter/100 lbs charged. The result, 0.13 lb/hr, is then multiplied by the maximum operating schedule of 780 hrs/yr, divided by 2000 lbs/ton. Therefore, provided compliance is shown with the mass emission limitation of 0.20 lb particulate/100 lbs of material charged, compliance will also be shown with the annual limitation.

Emission Limitation-  
5% visible emissions opacity, as a 6-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03 (B)(1) using the methods and procedures specified in USEPA Reference Method 9.

**F. Miscellaneous Requirements**

1. The permittee is hereby notified that this permit, and all agency records concerning the operating of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.