

Facility ID: 0302020313 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: 0302020313 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>
human crematory incinerator with an incineration capacity of 150 lbs/hr; controlled with an afterburner	OAC rule 3745-31-05 (PTI 03-9501)	See A.2.a below.
	OAC rule 3745-17-07	See A.2.b below.
	OAC rule 3745-17-09	0.10 pound of particulates per 100 pounds charged
		See A.2.c below.

**2. Additional Terms and Conditions**

- (a) Visible particulate emissions from any stack shall not exceed 0% opacity as a 6-minute average. The visible particulate emissions limitation required by OAC rule 3745-17-07 is less stringent than the visible particulate emissions limitation established pursuant to the best available technology requirements specified in OAC rule 3745-31-05. The incinerator, including all associated equipment and grounds, shall be designed, operated, and maintained so as to prevent the emission of objectionable odors.

**B. Operational Restrictions**

1. The incinerator shall be installed, operated, and maintained in accordance with the manufacturer's specifications, instructions, and operating manual(s).
2. The permittee shall adhere to the following requirements:
  - a. the temperature controller for the secondary chamber shall be set at 1600 degrees Fahrenheit;
  - b. the permittee shall always check for and remove pacemakers;
  - c. the permittee shall not cremate plastic or fiberglass caskets;
  - d. the permittee shall cremate obese cases as the first run of the day;
  - e. the permittee shall cremate lacquered caskets on the first run of the day; and
  - f. the permittee shall not open the main door for at least one hour after ignition.
3. No charging shall occur until the secondary chamber has reached a minimum temperature of 1,600 degrees Fahrenheit.
4. The incinerator shall not be operated unless the temperature monitoring device is operating properly.
5. The permittee shall operate and maintain an opacity monitor to regulate the operation of the emissions unit.
6. The permittee shall not charge the incinerator (cremator) with any material and/or waste that is defined as an "infectious waste" by OAC rule 3745-75-01(C)(4).

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

1. The permittee shall install, operate and properly maintain monitoring devices that accurately measure the temperature of the secondary chamber (afterburner).

2. The permittee shall maintain daily records of the following information:
  - a. the secondary chamber temperature recorded before each charge; and
  - b. the weight of each charge.

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations in section A.2 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

0.10 pound of particulates per 100 pounds charged

Applicable Compliance Method:

Stack testing may be required in the future in accordance with the procedures and test method(s) in OAC rule 3745-17-03(B)(8).

Emission Limitation:

0% opacity as a 6-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

**F. Miscellaneous Requirements**

1. None