

**Emissions unit description:      Animal crematorium with a 500 lb capacity and 85 lb/hr rated capacity subject to OAC 3745-17-07(A) and 3745-17-09(B).**

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## **Additional Special Terms and Conditions**

### **A.      Applicable Emissions Limitations and/or Control Requirements**

1.      Particulate matter emissions from the animal crematorium shall be limited to 0.20 lbs/100 lbs of material charged and 0.74 tons/year.
2.      Opacity shall not exceed 5% as a six-minute average.

### **B.      Operational Restrictions**

1.      The secondary combustion chamber temperature shall be maintained at 1200 degrees Fahrenheit or greater during each cremation cycle.
2.      The type of waste to be burned in this emissions unit shall be limited to Type IV waste (pathological waste).

### **C.      Monitoring and Recordkeeping 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 combustion cycle. The temperature monitors and recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals 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 combustion chamber temperature was less than 1200 degrees Fahrenheit.
3.      Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for

continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

**D. Reporting Requirements**

1. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Ohio EPA's Southwest District Office. If no deviations occurred during a calendar quarter, the permittee shall submit a report which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by February 15, May 15, August 15, and November 15 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude such deviations resulting from any malfunction reported in accordance with OAC rule 3745-15-06.)

**E. Testing Requirements**

1. If required, compliance with the mass emissions limitations in Additional Special Terms and Conditions A.1. shall be determined in accordance with the stack testing requirements in OAC 3745-17-03(B)(8).
2. Compliance with the visible emission limitations in Additional Special Terms and Conditions A.2. shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in OAC rule 3745-17-03.

**F. Miscellaneous Requirements**

None