

A. Operational Restrictions

1.The secondary chamber shall be operated at a temperature of at least 1400 degrees Fahrenheit.

2.This unit shall not be used to dispose of infectious or medical waste as defined in OAC rule 3745-75-01.

3.The smoke alarm shall be operated at all times the incinerator is in operation and shall be maintained in accordance with any and all recommendations of the manufacturer.

4.The permittee shall operate and maintain the incinerator in such a way to meet all applicable engineering standards and practices and the recommendations of the manufacturer in order to minimize the air contaminant emission releases.

5.Pursuant to OAC rule 3745-17-09, this emissions unit shall be operated and maintained so as to prevent the emission of objectionable odors.

B. Monitoring and Recordkeeping Requirements

1.The permittee shall operate and maintain a continuous temperature monitor and recorder for the secondary combustion chamber operating temperatures. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and applicable operating manuals.

2. The permittee shall maintain copies of the record of the secondary combustion chamber at the facility for a period of at least three years. The records shall be made available for Ohio EPA or their representatives to review during normal business hours.

C. Reporting Requirements

1. The permittee shall submit semi-annual temperature deviation (excursion) reports that identify all periods of time during which the temperature of the secondary chamber does not comply with the temperature limitation specified above. If no deviations have occurred during the reporting period, then the permittee shall submit a report stating that no deviations have occurred. The reports shall be submitted semi-annually, by January 31 and July 31 of each year and shall cover the periods from July 1 to December 31 and January 1 to June 30 respectively.

D. Testing Requirements

1. Compliance with the emission limits in the Air Emission Summary of this permit shall be determined in accordance with the following methods:

a. Emission Limit

Visible emissions shall not exceed 5 percent opacity except for six minutes in any continuous 60-minute period during which opacity shall not exceed 10 percent.

Applicable Compliance Method

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

b. Emission Limit

0.01 pound PM per 100 pounds charged

Applicable Compliance Method

Compliance shall be determined by multiplying the maximum process rate in tons per hour by the emission factor of 1.54 pounds/ton (from manufacturer's test on similar unit) or by OAC rule 3745-17-13(B) (10).

c. Emission Limit

0.35 TPY PM/PM₁₀

Applicable Compliance Method

Compliance shall be determined by multiplying the

maximum process rate in tons per hour by the emission factor of 1.54 pounds/ton (from manufacturer's test on similar unit) divided by 2000 pounds/ton times 8760 hours/year.

d. Emission Limit

0.52 pound/hr NO_x

Applicable Compliance Method

Compliance shall be determined by multiplying the maximum process rate in tons per hour by the emission factor of 10.38 pounds/ton (from manufacturer's test on similar unit).

e. Emission Limit

2.28 TPY NO_x

Applicable Compliance Method

Compliance shall be determined by multiplying the maximum process rate in tons per hour by the emission factor of 10.38 pounds/ton (from manufacturer's test on similar unit) divided by 2000 pounds/ton times 8760 hours/year.