

**TITLE 252. OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
CHAPTER 100. AIR POLLUTION CONTROL
SUBCHAPTER 17. INCINERATORS**

PART 4. BIOMEDICAL WASTE INCINERATORS [NEW]

252:100-17-8. Applicability

This part applies to any new or existing biomedical waste incinerator that is not subject to the requirements of Part 7 of this subchapter or is exempted from the requirements of Subpart Ec of 40 CFR Part 60.

252:100-17-9. Definitions

The following words and terms when used in this part shall have the following meaning unless the context clearly indicates otherwise:

"Antineoplastic agents" means drugs used to inhibit and combat the development of neoplasms.

"Biomedical radioactive waste" means Low-level radioactive waste as defined in 40 CFR 60.51c.

"Biomedical waste" means medical/infectious waste as defined in 40 CFR 60.51c, Chemotherapeutic waste and biomedical radioactive waste.

"Biomedical waste incinerator" means an incinerator used to burn biomedical waste.

"Chemotherapeutic waste" means waste material resulting from the production or use of antineoplastic agents.

"Neoplasms" means tumors consisting of an abnormal proliferation of cells. The growth of this clone of cells exceeds, and is uncoordinated with, that of the normal tissues around it. Neoplasms may be benign, pre-malignant or malignant.

252:100-17-10. Design and operation

An incinerator subject to this part shall be designed and built with a primary combustion chamber and secondary combustion chamber(s) each equipped with burners or other combustion devices that maintain the applicable temperature and retention time specified in (1) through (3) of this section in both the primary and secondary combustion chamber(s) at all times when biomedical waste is being incinerated.

(1) The temperature in the primary combustion chamber shall not be less than 1,200°F.

(2) The temperature in the secondary combustion chamber(s) shall not be less than 1,800°F with a retention time of not less than one (1) second when processing biomedical waste containing no chemotrophic waste.

(3) The temperature in the secondary combustion chamber(s) shall not be less than 2,000°F with a retention time of not less than two (2) seconds when processing biomedical waste containing chemotrophic waste.

252:100-17-11. Emission limits

Emissions from any medical waste incinerator subject to the requirements of this part shall not exceed the limits specified in (1) through (3) of this section.

(1) Hydrochloric acid (HCl). Emissions of HCl shall not exceed 4.0 lb/hr.

_____ (2) **Particulate matter.** Emissions of particulate matter shall not exceed 0.08 gr/dscf corrected to twelve percent (12%) carbon dioxide in the emission gas stream while the incinerator is operating at capacity.

(3) **Carbon monoxide (CO).** Emissions of CO shall not exceed one-hundred (100) ppm by volume corrected to standard conditions in the emission gas stream while the incinerator is operating at capacity.