



## Human & Animal Cremation Fact Sheet:

### Other Solid Waste Incinerations (OSWI) - NSPS Subpart EEEE--Standards of Performance for Other Solid Waste Incineration (OSWI) Units for Which Construction Is Commenced After December 9, 2004, or for Which Modification or Reconstruction Is Commenced on or After June 16, 2006.

- On November 30, 2005, the Environmental Protection Agency (EPA) promulgated rules to reduce emissions of air pollutants from other solid waste incineration (OSWI) units. The final OSWI rules regulate two subcategories of incinerators: (1) very small municipal waste combustion units and (2) institutional waste incineration units.
- The final rules will establish emission limits for the following nine air pollutants from these incinerators: particulate matter (PM), sulfur dioxide (SO<sub>2</sub>), hydrogen chloride (HCl), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), lead (Pb), cadmium (Cd), mercury (Hg), and dioxins/furans. The final rules also will establish opacity limits.
- The emission limits in the final rules are based on levels that can be achieved by installing wet scrubbers. Other emission control technologies can also be used, as long as they meet the required emission limits.

### Exemption(Subject to Conditions & Recordkeeping Requirements):

60.2887 (I) Pathological waste incineration units. Your institutional waste incineration unit or very small municipal waste combustion unit is **excluded from this subpart if it burns 90 percent or more by weight (on a calendar quarter basis and excluding the weight of auxiliary fuel and combustion air) of pathological waste**, low-level radioactive waste, and/or chemotherapeutic waste as defined in Sec. 60.2977 and you notify the Administrator that the unit meets these criteria.

### Definitions:

**Pathological waste** means waste material consisting of only human or animal remains, anatomical parts, and/or tissue, the bags/containers used to collect and transport the waste material, and animal bedding (if applicable).

**Calendar quarter** means three consecutive months (nonoverlapping) beginning on: January 1, April 1, July 1, or October 1.

**Reconstruction** means rebuilding an incineration unit and meeting two criteria:

- (1) The reconstruction begins on or after June 16, 2006.
- (2) The cumulative cost of the construction over the life of the incineration unit exceeds 50 percent of the original cost of building and installing the unit (not including land) updated to current costs (current dollars).

**Modification or modified unit** means an incineration unit you have changed on or after June 16, 2006 and that meets one of two criteria:

- (1) The cumulative cost of the changes over the life of the unit exceeds 50 percent of the original cost of building and installing the unit (not including the cost of land) updated to current costs (current dollars). For an OSWI unit, to determine what systems are within the boundary of the unit used to calculate these costs, see the definition of OSWI unit.
- (2) Any physical change in the unit or change in the method of operating it that increases the amount of any air pollutant emitted for which section 129 or section 111 of the Clean Air Act has established standards.

### Conditions & Recordkeeping Requirements:

- **On a calendar quarter basis, maintain a log record of pathological waste combusted by weight (waste material consisting of only human or animal remains, anatomical parts, and/or tissue, the bags/containers used to collect and transport the waste material) and all other waste combusted.**
- **If your facility's quarterly pathological waste combusted by weight is less than 90% of your facility's total waste combusted, you must notify this department immediately and submit a construction permit application within thirty (30) days.**
- **Quarterly log records must be maintained on site for a period of five (5) years and made available to representatives of this department upon request.**
- **A copy of the information contained in the log shall be submitted annually with the operating permit application.**
- **Please note the conditional nature of your operating permit issuance. The above conditions and recordkeeping requirements have been incorporated into your 2008 Annual Operating Permit.**