

# PART E - SOURCE EMISSION AND OPERATING STANDARDS

## SUBPART 3 - INCINERATION AND COMBUSTION SOURCES

### §2105.30 INCINERATORS

- a. **Prohibition of Single-chamber Incinerators.** No person shall operate, or allow to be operated, any single chamber incinerator, except a sewage sludge incinerator complying with the particulate matter and malodor emissions standards of §§2104.02 and 2104.04 of this Article and with Subsections d and e below.
- b. **Afterburning.** All incinerators shall have an afterburning residence time of at least 0.50 seconds at a temperature of at least 1400°F for putrescible and non-chemical refuse or a temperature of at least 250°F above the auto-ignition temperature of any chemical refuse. Incinerators on which construction commenced prior to February 28, 1977, and which do not comply with the requirements of the previous sentence may operate only if:
  1. An Operating Permit is issued for such incinerator;
  2. Only Type "O" waste is burned in such incinerator;
  3. [not in SIP]
  4. The incinerator complies with Subsections c, d, and f below.
- c. **Domestic Refuse-Burning Equipment.** No person shall operate, or allow to be operated, any domestic refuse-burning equipment having a rated capacity of less than five (5) tons per hour, except between the hours of 10:00 A.M. and 4:00 P.M.
- d. **Visible Emissions.** No person shall operate, or allow to be operated, any incinerator in such manner that the opacity of visible emissions from such incinerator, excluding uncombined water, equal or exceed an opacity of 20% at any time.
- e. **Particulate Matter.** No person shall operate, or allow to be operated, any incinerator in such manner that emissions of particulate matter from such incinerator exceed the following rates at any time:
  1. For incinerators with an actual charging rate less than four tons per hour, the rate of 0.1250 pounds per 100 pounds per hour of actual charge rate; or
  2. For incinerators with an actual charging rate of four tons per hour or greater, the rate specified below:

| <u>Actual Charge Rate<br/>In Tons Per Hour</u> | <u>Allowable Emissions<br/>In Pounds Per Hour</u> |
|--|---|
| 4  | 10  |
| 8  | 15  |
| 12   | 20  |
| 18   | 27  |
| 24   | 33  |
| 32   | 40  |
| 40   | 48  |

Linear interpolation shall be applied to determine the allowable emissions for charge rates other

than those specified above.

f. [Not in SIP]

g. **Measurements.** Measurements of afterburner temperatures, particulate emissions, and visible emissions shall be conducted according to the procedures set forth in Part G of this Article.

§ 2105.31 [Not in SIP]