

CLARK COUNTY

AIR QUALITY REGULATIONS

SECTION 30 - INCINERATORS

30.1 No PERSON shall burn combustible material in any INCINERATOR, crematory device, pathological destructor, or any other device used for disposal or recovery of material by burning, other than in a multiple chamber incinerator or other designed incinerator approved in advance by the CONTROL OFFICER for which a current and valid operating permit is in effect. This Section does not apply to flares and incineration units used as air pollution control devices.

30.1.1 The provisions of this Section shall become effective upon adoption, with the exception that the requirements of Subsections 30.3, 30.4, and 30.5 shall become effective on July 1, 2004. A crematory device is exempt from the provisions of Subsection 30.4.1. A crematory device means a unit used for human cremation.

30.2 Performance Standard:

30.2.1 No PERSON shall cause or permit the discharge into the atmosphere from an INCINERATOR, with a rated burning capacity less than 2.08 tons per hour, ALLOWABLE PARTICULATE EMISSIONS greater than 0.10 grains per dry standard cubic foot (gr/dscf) of exhausted gas, corrected to 12 percent carbon dioxide; or

30.2.2 No PERSON shall cause or permit the discharge into the atmosphere from an INCINERATOR, with a rated burning capacity equal to or greater than 2.08 tons per hour, ALLOWABLE PARTICULATE EMISSIONS as referenced in Section 14 of these Regulations; and

30.2.3 No PERSON shall cause or permit the discharge into the atmosphere from any INCINERATOR any emissions of visible air contaminants in excess of the OPACITY limitations contained in Section 26 of these regulations.

30.3 Compliance Demonstrations:

30.3.1 The temperature in the primary chamber of the INCINERATOR or secondary chamber of the crematory device shall be maintained at a temperature equal to or greater than 1400°F. If the manufacturer specifies a temperature higher

than 1400°F, that temperature shall be the minimum temperature while incineration is occurring. At no time shall the INCINERATOR temperature be allowed to drop below the minimum temperature during incineration. The INCINERATOR or crematory device shall be equipped with an audible alarm that warns the operator when the temperature drops below 1400°F and/or exceeds 2000°F.

- 30.3.2 The INCINERATOR shall be equipped with a temperature measuring device installed in the primary chamber or for a crematory device in the secondary chamber at a location that will provide accurate and representative temperature readings, and a temperature gauge shall be placed at a location that is clearly visible to the operator. This temperature device shall be operated at all times when the device is being charged. To record temperatures, a continuous recorder that records hourly temperature readings shall be installed, calibrated and maintained.
- 30.3.3 Operating instructions for the INCINERATOR shall be conspicuously posted at or near the charging door.
- 30.3.4 Maintenance shall be performed annually on the unit in accordance with the manufacturer's recommendations.

30.4 Performance Tests:

- 30.4.1 To demonstrate initial compliance with ALLOWABLE PARTICULATE EMISSIONS the Person shall conduct a performance test following EPA reference Method 5 contained in Appendix A, 40 C.F.R. Part 60.
- 30.4.2 To demonstrate initial compliance with the OPACITY requirements a PERSON shall use EPA reference Method 9 in Appendix A, 40 C.F.R. Part 60 (except the averaging times shall be 3 minutes). Each Method 9 test shall be conducted for 60 consecutive minutes and conducted at the same time the performance test referenced in Subsection 30.4.1 is performed.
- 30.4.3 The PERSON shall conduct the required initial performance tests within 60 days after achieving the maximum production rate at which the affected EMISSION UNIT will be operated, but not later than 180 days after initial startup of such EMISSION UNIT and furnish the Department of Air Quality and Environmental Management a written report of the results of such performance test within 60 days after conducting such test.
- 30.4.4 The PERSON shall conduct an annual Method 9 OPACITY performance test on the INCINERATOR.
- 30.4.5 All performance testing shall be conducted in accordance with established procedures and protocols as contained in Section 14.

30.5 Record Keeping:

30.5.1 The PERSON shall maintain a written log recording the date, the hours of operation, temperature readings, and the total weight of the combustible materials charged, per day, in the unit.

30.5.2 The PERSON shall maintain a written log recording the amount of fuel consumed on an annual basis.

30.5.3 The PERSON shall maintain a written log recording the date, time, and results of the annual Method 9 Opacity test and when annual maintenance is performed.

30.5.4 The above written records shall be maintained on site and available for inspection by the CONTROL OFFICER.

30.5.5 For each affected INCINERATOR the PERSON shall submit an annual report of the amount of natural gas consumed and the total amount of combustible materials charged during the calendar year. Such report shall be submitted CONTROL OFFICER and shall be due on or before March 31 of each calendar year. Upon written notice the CONTROL OFFICER may require more frequent reporting.

History: Initial Adoption:
Amended: September 30, 1983; April 23, 1987; April 24, 2001; December 2, 2003; July 1, 2004.