

RULE 2.12 SPECIFIC CONTAMINANTS

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100 GENERAL

- 101 **PURPOSE:** The purpose of this rule is to protect the ambient air quality by establishing particulate matter combustion contaminants and sulfur compound emission standards.
- 102 **APPLICABILITY:** This rule applies to any source operation which emits, or may emit sulfur gaseous emissions and particulate matter combustion contaminants
- 110 **EXEMPTIONS:** The provisions of this rule shall not apply during the start of an operation or change in energy source, during the time necessary to bring the combustion process up to operating level.

200 DEFINITIONS

- 201 **COMBUSTION CONTAMINANTS:** Particulate matter discharged into the atmosphere from the burning of any kind of material containing carbon in a free or combined state.

300 STANDARD

- 301 **REQUIREMENT:** A person shall not discharge into the atmosphere from any single source of emission whatsoever, any one or more of the following contaminants, in any state or combination thereof, in excess of the following concentrations at the point of discharge:
- a. Sulfur compounds calculated as sulfur dioxide (SO₂) 0.2%, by volume at standard conditions.
 - b. Combustion Contaminants: 0.31 grains per cubic foot of gas calculated to 12 percent of carbon dioxide (CO₂) at standard conditions.

400 MONITORING

- 401 **COMPLIANCE DETERMINATION:** In measuring the combustion contaminants from incinerators used to dispose of combustible refuse by burning, the carbon dioxide (CO₂) produced by combustion of any liquid or gaseous fuels shall be excluded from the calculation to 12 percent of carbon dioxide (CO₂).
- 402 **TEST METHODS:**
- 402.1 The exhaust stack gas velocity shall be determined in accordance with EPA or CARB Test Method 2.

- 402.2 The exhaust stack gas moisture content shall be determined in accordance with EPA or CARB Test Method 4.
- 402.3 Determination of particulate matter emissions shall be conducted in accordance with EPA or CARB Test Method 5.
- 402.4 Sulfur compound emissions shall be determined in accordance with EPA or CARB Test Method 8.