

SAN LUIS OBISPO COUNTY AIR POLLUTION CONTROL DISTRICT

**RULE 403 - PARTICULATE MATTER EMISSION STANDARDS**

*(Adopted 8/2/76, Revised 1/25/06 and 5/31/06)*

A. PARTICULATE MATTER CONCENTRATION.

Except as otherwise provided in sections C.1, C.2, and D below, a person shall not discharge into the atmosphere from any source particulate matter in excess of 0.1 grains per cubic foot of dry gas at standard conditions.

B. PARTICULATE MATTER PROCESS WEIGHT

A person shall not discharge into the atmosphere from any source whatsoever, particulate matter in excess of the rate shown in the following table:

| Process Weight Per Hour – Lbs/Hr | Maximum Discharge Rate Allowed For Particulate Matter (Aggregate Discharge From All Points Of Process) Lbs/Hr | Process Weight Per Hour – Lbs/Hr | Maximum Discharge Rate Allowed For Particulate Matter (Aggregate Discharge From All Points Of Process) Lbs/Hr |
|----------------------------------|---|----------------------------------|---|
| 250 or less                      | 1.00  | 12,000                           | 10.4  |
| 300                              | 1.12  | 14,000                           | 10.8  |
| 350                              | 1.23  | 16,000                           | 11.2  |
| 400                              | 1.34  | 18,000                           | 11.5  |
| 450                              | 1.44  | 20,000                           | 11.8  |
| 500                              | 1.54  | 25,000                           | 12.4  |
| 600                              | 1.73  | 30,000                           | 13.0  |
| 700                              | 1.90  | 35,000                           | 13.5  |
| 800                              | 2.07  | 40,000                           | 13.9  |
| 900                              | 2.22  | 45,000                           | 14.3  |
| 1,000                            | 2.38  | 50,000                           | 14.7  |
| 1,200                            | 2.66  | 60,000                           | 15.3  |
| 1,400                            | 2.93  | 70,000                           | 15.9  |
| 1,600                            | 3.19  | 80,000                           | 16.4  |
| 1,800                            | 3.43  | 90,000                           | 16.9  |
| 2,000                            | 3.66  | 100,000                          | 17.3  |
| 2,500                            | 4.21  | 120,000                          | 18.1  |
| 3,000                            | 4.72  | 140,000                          | 18.8  |
| 3,500                            | 5.19  | 160,000                          | 19.4  |
| 4,000                            | 5.64  | 180,000                          | 19.9  |
| 4,500                            | 6.07  | 200,000                          | 20.4  |
| 5,000                            | 6.49  | 250,000                          | 21.6  |
| 5,500                            | 6.89  | 300,000                          | 22.5  |
| 6,000                            | 7.27  | 350,000                          | 23.4  |
| 6,500                            | 7.64  | 400,000                          | 24.1  |

| Process Weight Per Hour – Lbs/Hr | Maximum Discharge Rate Allowed For Particulate Matter (Aggregate Discharge From All Points Of Process) Lbs/Hr | Process Weight Per Hour – Lbs/Hr | Maximum Discharge Rate Allowed For Particulate Matter (Aggregate Discharge From All Points Of Process) Lbs/Hr |
|----------------------------------|---|----------------------------------|---|
| 7,000                            | 8.00  | 450,000                          | 24.8  |
| 7,500                            | 8.36  | 500,000                          | 25.4  |
| 8,000                            | 8.70  | 600,000                          | 26.6  |
| 8,500                            | 9.04  | 700,000                          | 27.6  |
| 9,000                            | 9.36  | 800,000                          | 28.4  |
| 9,500                            | 9.68  | 900,000                          | 29.3  |
| 10,000                           | 10.00   | 1,000,000 or more                | 30.0  |

Where the process weight per hour falls between the figures listed in the above table, the exact weight of the permitted discharge shall be determined by linear interpolation.

C. COMBUSTION CONTAMINANTS

1. Except as otherwise provided in Rule 403.C.2 and Rule 403.D.1, particulate emissions from fuel burning equipment shall not exceed 0.12 pounds per million Btu of fuel input.
2. Internal combustion engines are not subject to this rule.
3. A person shall not build, erect, install or expand any non-mobile fuel burning equipment unless the discharge into the atmosphere of contaminants, as defined in Rule 105, will and does not exceed 10 pounds per hour derived from the fuel.

For the purpose of this subsection, a fuel burning equipment unit shall be comprised of the minimum number of boilers, furnaces, jet engines or other fuel burning equipment, the simultaneous operation of which are required for the production of useful heat or power.

Fuel burning equipment serving primarily as air pollution control equipment by using a combustion process to destroy air contaminants shall be exempt from the provisions of this Rule.

Nothing in this Rule shall be construed as preventing the maintenance or preventing the alteration or modification of an existing fuel burning equipment unit which will reduce its mass rate of air contaminant emissions.

D. COKE CALCINING AND COOLING LIMITS

1. A person shall not discharge into the atmosphere from any petroleum coke calcining or cooling operation, particulate matter in excess of 0.2 grains per cubic foot of dry gas at standard conditions.

2. A person shall not discharge into the atmosphere from any from any petroleum coke calcining or cooling operation, particulate matter in excess of the rate shown in the following table:

| Process Weight Per Hour – Lbs/Hr | Maximum Discharge Rate Allowed For Particulate Matter (Aggregate Discharge From All Points Of Process) Lbs/Hr |
|----------------------------------|---|
| 10,000                           | 10.0  |
| 11,000                           | 10.6  |
| 12,000                           | 11.3  |
| 13,000                           | 11.9  |
| 14,000                           | 12.5  |
| 15,000                           | 13.1  |
| 16,000                           | 13.7  |
| 17,000                           | 14.4  |
| 18,000                           | 15.0  |
| 19,000                           | 15.6  |
| 20,000                           | 16.2  |
| 30,000                           | 22.2  |
| 40,000                           | 28.3  |
| 50,000                           | 34.3  |
| 60,000 or more                   | 40.0  |

Where the process weight per hour falls between the figures listed in the above table, the exact weight of the permitted discharge shall be determined by linear interpolation.

3. Effective August 31, 2008, emissions from any petroleum coke calcining operation shall comply with the emissions limits of sections A and B.