MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

C009076

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: AUGUST 2010

OWNER OF OPERATOR (Co.#3254)

5E SVM Operations, LLC
13200 Main Street
Trona, CA 93562

EQUIPMENT LOCATION (Fac.#7)

SVM - West End Plant
80201 Trona Road
Trona, CA 93562

Description:
VENTURI SCRUBBER - PYROBOR TRAIN NO. 3 consisting of: A venturi scrubber serving pyrobor process train No. 3 (B009075).

EQUIPMENT

Capacity	Equipment Description
0	Cyclone
1	Cyclone star valve
3	Cyclone discharge screw conveyor
0	Venturi scrubber
30	Circulation Pump
125	Exhaust Fan

CONDITIONS:

1. The owner/operator (o/o) shall maintain this scrubber in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

2. This scrubber shall operate concurrently with the Pyrobor Process Train No. 3 under valid District permit B009075.

Fee Schedule: 7 (h) | Rating: 1 device | SIC: 1474 | SCC: 30504099 | Location/UTM(Km): 464E/3951N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

5E SVM Operations, LLC
P.O. Box 367
Trona, CA 93592-0367

By: **COPY**
Brad Poiriez
Executive Director

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3. Emissions to the atmosphere from this equipment shall not exceed the following, verified by periodic source testing, and annual production:
a. NOx - 55 ppmvd (corrected to 3% oxygen), 1.2 pounds per hour and 3.07 tons per year;
b. VOC - 12 ppmvd as methane (corrected to 3% oxygen), 0.09 pounds per hour and 0.23 tons per year;
c. SOx - 0.015 pounds per hour and 0.04 tons per year (compliance with these limits shall be demonstrated through calculation based on fuel sulfur concentration records);
d. PM10 - 0.02 grain per dry standard cubic foot, 0.66 pounds per hour and 1.68 tons per year (at a 0.85 PM10 fraction of TSP); and
e. CO - 100 ppmvd (corrected to 3% oxygen), 1.3 pounds per hour and 3.39 tons per year.

4. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
a. Cumulative annual fuel use in millions of cubic feet (if used to calculate emissions);
b. Cumulative annual production (in tons);
c. Cumulative emissions of each pollutant referenced above in tons per year; and,
d. Date and nature of any system repairs.

5. The o/o shall conduct a compliance source test during the first six months of operation and at least once every three (3) years thereafter. This testing shall demonstrate compliance with the grain loading, concentration and hourly emission rates specified above (except for SOx), and shall be performed in compliance with the District Compliance Test Procedural Manual and in accordance with the performance specifications contained in 40 CFR 60. The test results shall be submitted to the District not later than six (6) weeks prior to the expiration date of this permit in those years applicable.

6. The o/o must surrender to the District sufficient valid Emission Reduction Credits for this equipment prior to commencement of construction of this equipment. In accordance with Regulation XIII the operator shall obtain and surrender 3.07 tons of NOx, 0.23 tons of VOC, 0.04 tons of SOx, and 2.70 tons of PM10 offsets.