



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

C011750

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2016

OWNER OF OPERATOR (Co.#122)

SKANSKA USA Civil West Region
1995 Agua Mansa Road
Riverside, CA 92509-2405

EQUIPMENT LOCATION (Fac.#1556)

SKANSKA - Various Loc
District Wide
MDAQMD, CA 92392

Description:

DRYER BAGHOUSE consisting of: CMI RA-318P Reverse Pulse Jet Baghouse, equipped with two 125 hp exhaust fans, designed for 70,000 cfm, and having 756 filter bags, total filter area of 13,608 sq ft with an air-to-cloth ratio of 5.14:1.

CONDITIONS:

1. This baghouse must be operated and maintained in compliance with 40 CFR Part 40 Subpart I- NSPS for Hot Mix Asphalt Facilities.

2. Compliance tests shall be performed in accordance with the Districts Compliance Test Procedural Manual and/or 40 CFR 60.8, and as outlined in Condition 3 below. Tests shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up. Written notification shall be submitted to the District within 10 days of the actual test dates. The Compliance Test Report must be submitted to the District within 45 days of completion of the tests. [District Rule 1302 and 40 CFR 60.8]

3. Emissions shall be limited and tested as follows. Since the dryer is vented through this baghouse it is appropriate to reference the stack emissions associated with the dryer herein:

a) BACT Requirements; PM₁₀ emission shall not exceed 0.01 grains/dscf. Verified using US EPA Method 5 (front and back half (Method 202)); Additionally mass emission rate of 0.82 lb./hr shall not be exceeded. PM testing will be allowed to determine compliance with the PM₁₀ standard. If the PM test does not demonstrate compliance, a PM₁₀ test shall be completed [40 CFR Part 60 Subpart I (grain loading limits of Subpart I have been streamlined out, District Rule 404)].

b) Per BACT requirements; NO_x emission shall not exceed 36 ppmv corrected to 3% oxygen (0.044 lbs/MMBtu of Heat input). Verified using EPA Method 7E, or EPA Method 19 (Heat Input Basis);

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 5541

SCC: 30500205

Location/UTM(Km): 473E/3956N

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.

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By: **COPY**
Brad Poiriez
Air Pollution Control Officer

c) CO emissions shall not exceed 400 ppmvd. [BACT, District Rule 407] Verified using EPA Method 10;

d) Stack Gas Oxygen, quantified using EPA Method 3A;

e) Moisture, quantified using EPA Method 4, during PM sampling.
[District Rule 1303(A), BACT]

4. The o/o shall demonstrate compliance with emission limits by conducting initial compliance tests using applicable test methods defined herein. Further, the o/o shall perform annual burner tune-ups in accordance with the burner manufacturers suggested methods and procedures.

5. A pressure differential gauge shall be installed and maintained on this unit to measure the pressure differential across the filters. In operation, the pressure differential range shall be kept between 2 and 6.5 inches water column. [Periodic Monitoring]

6. This baghouse shall operate concurrently with the dryer described in District permit B011751.

7. 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, State or Federal personnel upon request:

- a. Weekly reading of baghouse pressure drop, date, and value;
- b. Quarterly bag and bag suspension system inspection date and results;
- c. Date of bag replacements; and,
- d. Date and nature of any system repairs.

[Periodic Monitoring]

8. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.