



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C009957

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2009

OWNER OF OPERATOR (Co.#14)

Calmat dba Vulcan Materials Company
6851 E. Avenue T
Little Rock, CA 92343

EQUIPMENT LOCATION (Fac.#2973)

Vulcan - Adelanto
SW Corner of Hibiscus and Mesa Linda
Adelanto, CA 92301

Description:

BAGHOUSE, DRYER consisting of: ASTEC Model RBH-81-19 pulse jet baghouse, with a flow rate of 80,090 ACFM with a 5.5:1 air-to-cloth ratio, 300 hp fan. Each bag is 4 5/8" diameter by 10' long, with total cloth area of 14,724 square feet.

CONDITIONS:

1. This baghouse shall be functioning at all times when the Asphalt Batch Plant covered under Permit B009955 is in operation.
2. The o/o shall install, operate and maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier, and sound engineering principles which produce minimum emissions of air contaminants.
3. The owner/operator (o/o) shall have a maintenance plan for this baghouse. This plan, at a minimum, shall require a log which includes visual emissions determination on a weekly basis, recording of differential pressures across the baghouse and inspection/repairs frequency.
4. The o/o shall log all bag replacements, repairs and non-scheduled maintenance. The log shall be kept current, on-site for a minimum of 2 years and provided to District personnel on request.
5. The o/o shall maintain an inventory of replacement bags on-site at all times which will ensure compliance with applicable Rules of District Regulation IV.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2951

SCC: 30500205

Location/UTM(Km):
459E/3826N

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.

Calmat dba Vulcan Materials Company
2400 West Highland Avenue
San Bernardino, CA 91741

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

6. The o/o shall conduct compliance emissions tests relative to Rules 404, 405, 1157, and 1303 within 90 days of startup, and annually thereafter. The o/o shall conduct emissions testing for particulates, oxides of nitrogen, volatile organic compounds and carbon monoxide in strict accord with all procedures described in the District's Compliance Test Procedural Manual, and as outlined in Condition 7 below.

The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion. The District shall receive annual test results no later than six weeks prior to the expiration date of this permit.

7. 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 EPA Method 5; Additionally mass emission rate of 6.86 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.

Additionally mass emission rate of 6.86 lb/hr shall not be exceeded.

b) Per MDAQMD Rule 1157, RACT Requirements; NOx emission shall not exceed 70 ppmv corrected to 3% oxygen (0.084 lbs/MMBtu/hr of Heat input). Verified using EPA Method 7E, or EPA Method 19 (Heat Input Basis);

c) Per MDAQMD Rule 1157 RACT Requirements; CO emissions shall not exceed 400 ppmv. Verified using EPA Method 10;

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

e) VOC, quantified using EPA Method 18.

f) Moisture, quantified using EPA Method 4, during PM sampling.

8. This facility shall be maintained and operate in compliance with all applicable District Rules and Federal New Source Performance Standards (NSPS) 40 CFR 60, Subpart I; Standards of Performance for Hot Mix Asphalt Facilities.

In the event of conflict between these Permit Conditions, District Rules, and the NSPS, the more stringent requirement(s) shall govern.