



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B009955

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:**

HOT MIX ASPHALT BATCH PLANT consisting of: Natural gas-fired drum mix batch plant rated at 450 tons per hour with a dedicated hot exhaust baghouse (C009957).

**EQUIPMENT**

Capacity	Equipment Description
0	Six 10' x 14' Compartment Aggregate Bins (Each 32 ton)
0.0765	30" Belt Feeders 6 @ 5HP
0.051	36" Collecting Belt Conveyor (20hp)
0.06375	6' x 16' Double-Deck Scalping Screen (25hp)
0.051	36" Inclined Belt Conveyor (20hp)
0	Two 10' x 14' Compartment RAP bins ( Each 32 tons)
0.01275	42" Belt Feeder (5hp)
0.01275	30" Belt Feeder (5hp)
0.0255	36" Belt Conveyor (10hp)
0.03825	5' x 12' Double-Deck Scalping Screen (15hp)
0.01275	24" Return RAP Belt Conveyor (5hp)
0.255	Horizontal Shaft Impactor (100hp)
0.01275	24" Belt Conveyor (5hp)
0.0255	30" Inclined Belt Conveyor (10hp)
100.82875	Double Barrel Drum Dryer 100 mmBTU/hour Burner (including 325hp)

Fee Schedule: 8 (f)

Rating: 106302250 Btu

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

Capacity	Equipment Description
0.31875	Drag Slat Conveyor (125hp)
0.1275	36" Transverse Conveyor (2@25hp)
0	Three 200-Ton Asphalt Storage Silos
3	Hot Oil Heater 3mmBTU/hour (input)
0.0255	Hot Oil Pump (10hp)
0.0255	Hot Oil Pump (10hp)
0	Asphalt Oil Storage Tank (30,000-Gallon) (See permit T009963)
0	Asphalt Oil Storage Tank (30,000-Gallon) (See permit T009963)
0.0765	Unloading Pump (30hp)
0.0765	Unloading Pump (30hp)
0	Pulse Jet Baghouse 80,980 CFM (See permit C009957)
0.765	Exhaust Fan (300hp)
0.03825	Screw Conveyor (15 hp)
0.03825	Screw Conveyor (15 hp)
0	Blue Smoke Control Filter, 24,000 CFM (See Permit C009964)
0.03825	Fabric Filter Venting RAP Screen (15hp)
0	Hopper (30 Tons)
0	Hopper (30 Tons)
0.102	36" Belt Conveyor (40hp)
0.102	36" Belt Conveyor (40hp)
0	Asphalt Oil Storage Tank (20,000-Gallon)
0.0765	Unloading Pump (30hp)
0.0255	Hot Oil Pump (10hp)

## CONDITIONS:

1. The owner/operator, o/o, shall operate all the equipment delineated above in strict accord with the recommendations of the manufacturer/supplier and/or sound engineering principles, which produce the minimum of emissions.
  
2. This hot mix asphalt plant shall not be operated unless it is vented to a functioning air pollution control device under valid District Permit C009957 and the truck loadout is vented to a properly functioning Blue Smoke Control device under valid District permit C009964.
  
3. Materials processed by equipment delineated above shall contain at a minimum 2.5% moisture. The moisture content of the aggregate material shall be analyzed monthly according to material moisture test ASTM C566-97. Sample location shall be representative of all aggregate fed through system as per site-specific sampling plan.
  
4. This asphalt plant shall be restricted to a maximum of 450 tons per hour, and 900,000 tons per year of finished product.
  
5. This asphalt plant may process recycled asphalt pavement material not to exceed 50% of total finished product.
  
6. The Horizontal Impact Crusher shall not process more than 140000 tons per year.
  
7. A daily production and operations log shall be maintained current and on-site for two (2) years, and shall be provided to District personnel upon request. This log shall contain, at a minimum:
  - a. Daily and annual tonnage of finished product; and
  - b. Maintenance and repairs on plant and supporting equipment; and

c. Monthly material moisture analysis results.

8. Roadways, work areas, stockpiles, and materials being processed shall be kept wetted to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance.

9. 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.

10. The owner/operator shall notify the District Stationary Sources Section 10 days prior to operation of this facility.