



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B011425

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: JULY 2026

OWNER OF OPERATOR (Co.#14)

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

EQUIPMENT LOCATION (Fac.#3199)

Vulcan - MD Various Locations
 Various Locations
 MDAQMD, CA 92392

Description:

PORTABLE CRUMB RUBBER PLANT consisting of:

EQUIPMENT

Capacity	Equipment Description
0	Ground Tire Rubber Hopper (6 Tons)
0	Natural Rubber Hopper (2 Tons)
0.007633301	6" Diameter Screw Conveyor (3 hp)
0.00381665	4" Diameter Screw Conveyor (1.5 hp)
0.012722168	12" Diameter Crumb Rubber Auger (5 hp)
3	D&H Model 3.0 Heater, 3.0 mmBTU/hour with a Powerflame Model NP2-G-340 Low NOx Burner
0	Heat Exchanger
0.076333007	Mixing Tank with Auger (85 Gallons) (30 hp)
0	Condenser
0	Extender Oil Tank (1,000 Gallons)
0	Condenser
0.203554686	2-Compartment (30,000 Gallon) Reaction Tank with Mixing Augers (Split Tank 15K/15K) (2@40hp)
0.025444336	Pump - Asphalt Cement (10 hp)
0.002544434	Pump - Extender Oil (1 hp)

Fee Schedule: 8 (f)

Rating: 3420000 Btu

SIC: 2951

SCC: 30500208

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.

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

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

Capacity	Equipment Description
0.038166504	Pump - Interlock (15 hp)
0.050888671	Pump - Rubberized Asphalt (20 hp)
0	The above hp have been converted to MMBtu/h equivalent for fee rating purposes

CONDITIONS:

1. This facility is limited to processing no more than 200,000 tons of Crumb Rubber Asphalt in any consecutive 12 calendar month period. [Rule 204]

2. 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. [Rule 204]

3. The o/o shall maintain a log of the hours of operation and total tons of Asphalt produced on a daily basis. This log may be derived from records required by the responsible agency administering the oversight of the construction. This log shall be maintained current, on-site for a minimum of 2 years and provided to District personnel on request. [Rule 204]

4. Materials processed by equipment delineated above shall contain sufficient natural and/or added moisture as oil to ensure compliance with District rules 401, 402 and 403. [Rule 204]

5. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure that haul roads and paved roads in and throughout the facility comply with Rule 401, 402 and 403. [Rule 204]

6. The owner/operator shall notify the District Stationary Sources Section 10 days prior to operation of this facility. [Rule 204]

7. The emissions estimates and manner of operation described in the submittal with the application under which this permit is issued are incorporated into this permit in their entirety and act as specific limitations on the equipment described herein. [Rule 204]

8. This facility shall not emit more than 14.9 tons of PM10, 24.9 tons of NOx and 24.9 tons of VOC's on a rolling twelve month summary basis. Compliance with this limit shall be verified with monthly facility emission summaries calculated using a District approved method, with at least the last two years of monthly emissions summaries maintained for a minimum of two years and provided to District, State or Federal personnel upon request. [Rule 204, Rule 1303]

9. The electrical requirements of this equipment shall be provided only by line power or equipment permitted by a valid District permit and/or by a valid CARB Portable Equipment Registration Program (PERP) genset. [Rule 204]

10. This portable crumb rubber batch plant and its associated equipment cannot be operated at the same location for more than 365 consecutive days. This system shall be moved within this facility or moved to another facility annually. [Rule 204]

11. Combustion equipment shall be fired by natural gas only. [Rule 204]