



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B011437

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JULY 2021

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:

ASPHALT BATCH PLANT, PORTABLE consisting of:

EQUIPMENT

Capacity	Equipment Description
0	10' X 14' Cold Feed Bin
0	10' X 14' Cold Feed Bin
0	10' X 14' Cold Feed Bin
0	10' X 14' Cold Feed Bin
0	10' X 14' Cold Feed Bin
0.007633301	24" X 12'-5" L Belt Feeder (3 hp)
0.007633301	24" X 12'-5" L Belt Feeder (3 hp)
0.007633301	24" X 12'-5" L Belt Feeder (3 hp)
0.007633301	24" X 12'-5" L Belt Feeder (3hp)
0.007633301	24" X 12'-5" L Belt Feeder (3hp)
0.038166504	30" W X 65' L Collecting Conyeyor (15hp)
0.019083252	30" W X 25' L Transfer Conyeyor (7.5hp)
0.025444336	5' X 12' Vibrating Screen (10hp)
0	30" W X 70' L Belt Conveyor (0.0hp)
0.508886715	ASTEC Double Barrel (200 hp)
100	PHOENIX TALON II 100MMBTU/hour Burner

Fee Schedule: 8 (f)

Rating: 101564826.6 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	10' X 15' Recycle Bin
0	10' X 15' Recycle Bin
0.019083252	36" X 10'-6" RAP Belt Feeders (7.5 hp)
0.019083252	36" X 10'-6" RAP Belt Feeders (7.5 hp)
0.025444336	30" X 51'-9" RAP Collecting Conveyor (10.0 hp)
0.012722168	4' X 10' Vibrating Screen (5 hp)
0.025444336	24" X 70' L RAP Conveyor (10 hp)
0	1.2 MMBTU/hr Hot Oil Heater (Reference only, permitted by T011438)
0	30,000 Gallon Asphalt Oil Tank (Reference only, permitted by T011438)
0	Astec, Model D-PRPBH-80-498 (81,264 CFM) (2 x 150HP) (Reference only, permitted by C011439)
0.019083252	12" Screw Conveyor (7.5hp)
0.019083252	12" Screw Conveyor (7.5hp)
0.019083252	12" Screw Conveyor (7.5hp)
0.025444336	12" Screw Conveyor (10.0hp)
0	Calibration Hopper (0.0hp)
0.152666014	30" W X 43" L Drag Slat (60hp)
0.152666014	100 Ton Asphalt Silo (60hp)
0.2544	Blue Smoke Control, Gencor, Model 3630-11-14 (100 hp); 35,000 CFM, and Cloth Area of 2,417 sqft
0	6' X 8' Feed Hopper
0.063610839	36" W X 30'L Belt Feeder (25hp)
0.050888671	36" W x 30' L Belt Conveyor (20hp)
0.076333007	36" W x 85' L Stacking Conveyor (30hp)
0	The above hp have been converted to mmBtu/h equivalent for fee rating purposes: [1 horsepower [international] = 2544.4335737 Btu/hour [I.T.]]

CONDITIONS:

1. This facility is limited to processing no more than 675,000 tons of Asphalt Concrete 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 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, State, or Federal personal upon request. [Rule 204]
4. Materials processed by equipment delineated above shall contain sufficient natural and/or added moisture to ensure that virgin material has minimum moisture content of 2.5%; this is required to ensure consistency with emission calculations submitted with application. The moisture content of the aggregate material shall be analyzed monthly according to material moisture test ASTM C566-97(or equivalent method as approved by the District). Sample locations shall be representative of aggregate feed to the drum mixer. Records of this requirement shall be kept on site and available to District, State, or Federal personal upon request. [Rule 204]
5. All conveyor belt transfer points shall be equipped with spray bars and shall be fully operational before any throughput of materials has commenced during any days operation. Spray bars shall only be shut off when that portion of the operation has ceased for the day. [Rule 204]

6. This facility shall not be operated unless vented to the baghouse described in District permit C011439. [Rule 204]
7. The owner/operator shall notify the District Stationary at least 10 days prior to operation of this facility. Notifications shall be submitted electronically to reporting@mdaqmd.ca.gov [Rule 204]
8. 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]
9. 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]
10. 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]
11. This portable asphalt 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]
12. To minimize VOC and PM10 emissions, transfer points for the RAP system shall contain sufficient asphalt oil and remain cold prior to the materials introduction to the mix after the dryer. [Rule 204]
13. The owner/operator shall not emit visible emissions exceeding Ringelmann 1, and shall not emit visible emissions greater than 20% opacity, for a period or periods aggregating more than three minutes in any one hour. [Rule 401]
14. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with District rules 401, 402 and 403. This condition also applies to all haul roads and paved roads in and throughout the facility. [Rule 204]
15. The throughput shall not exceed 4,000 tons per day and shall not exceed 675,000 tons per year. [Rule 204]
16. The owner/operator shall meet the requirements of the conditions listed and the requirements of the Federal New Source Performance Standards, 40 CFR 63 Subpart I; (NSPS I) regarding Hot Mix Asphalt Facilities. In the event of conflict, the more stringent requirements shall govern. [NSPS Subpart I; Rule 204]