



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

B015065

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: MAY 2026

OWNER OF OPERATOR (Co. #3028)

VSS International, Inc.
P.O. Box 3191
Modesto, CA 95354

EQUIPMENT LOCATION (Fac. #4465)

VSS International, Inc. - Various Locations
District Wide
MDAQMD, CA 92392

Description:

PORTABLE CRUMB RUBBER MATERIAL BLENDING SYSTEM - MDAQMD VARIOUS LOCATIONS: consisting of: Crumb Rubber Plant rated at 50 tons per hour.

EQUIPMENT

Capacity	Equipment Description
0	5 MMBtu/hr Hot Oil Heater
0	Vapor Condenser - blending unit
0	Dual Hopper (11,000 lbs)
0	Dual Hopper (6,500 lbs)
0	Screw Auger (3 hp)
0	Screw Auger (1.5 hp)
0	Screw Auger (7.5 hp)
0	RV11 Two Compartment (30,000) Reaction and Holding Tank, 56.58' L x 9' 6" D
0	Vapor Condenser - Reaction Tank
0	Fee Schedule 2(d) Calculation: (4,999,000 MMBtu/hr heater plus 12 hp x 2550 Btu/hr)/100,000 = 50.3

CONDITIONS:

Fee Schedule: 2 (d) Rating: 5030000 Btu SIC: 2951 SCC: 30500208 Location/UTM(Km): 469E/3817N

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

1.This equipment, and any associated air pollution control device(s), shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1303]

2.The owner/operator shall notify the District at least five (5) days prior to operation of this equipment within the District. Notification must be sent electronically to reporting@mdaqmd.ca.gov. The notification must include:

(a) The permit number;

(b) The location/address where the equipment will be operated and description of the project; and,

(c) The contact information of the owner/operator of the equipment.

[District Rule 204]

3.This equipment shall be operated on propane fuel only.

[District Rules 204 and 1303]

4.This equipment shall not produce more than 900 tons/day nor more than 328,500 tons/year of finished crumb rubber blend.

[District Rule 1303 BACT limiting condition]

5.The heaters must be inspected and tuned at a minimum semi-annually or prior to operation at each new operating location. The tune-up must conform to the manufacturers written instructions and procedures.

[District Rules 1303 and 1320]

6.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, as a minimum:

(a) Dates this equipment is moved from one location to another, and the new location in decimal degrees of latitude and longitude (lat/long - xx.xxxx/-yyy.yyyy);

(b) The tons of product produced per day,

(c) Hours operated per day (hours meter reading at startup and shutdown each day),

(d) Average hourly production rate in tph (item b divided by item c),

(e) The tons of product produced per each consecutive twelve-month basis (sum of all products from this facility),

(f) Maintenance and burner tune-up results, and

(g) Daily and Calendar year fuel consumption in standard cubic feet (scf) of each fuel type used (natural gas or LPG/Propane)(or therms) and quantity of crumb rubber asphalt produced. Fuel consumption to be measured with non-resettable fuel meter, utility meter, or fuel purchase records.

(h) Opacity results from fugitive emission points in accord with Condition 10

[District Rules 1303 and 1320]

7.All tank lids shall remain closed except during asphalt filling operations.

[District Rules 204 and 1303]

8.When in use, each heated tank shall be vented to a functioning integral vapor condenser.

[District Rule 401]

9.This equipment and associated operations shall be operated in compliance with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to Rules 401, 402, and 403. This equipment shall not discharge an exhaust stream that exhibits opacity greater than twenty percent (Ringlemann 1) for more than three minutes in any one hour.

[District Rules 204 and 1303]

10.The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:

(a) The owner or operator must conduct a monthly 6-minute visible emissions test on each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.

(1) Ensure that the observer's back is to the sun or artificial light.

(2) The observation spot provides a clear view of the emission point(s).

(3) Observe the emission point(s) for a period of one minute.

(4) Designate the emission point(s) as "visible" or "not visible".

If "visible emissions" are occurring, owner/operator must conduct a Visible Emission Evaluation using USEPA Method 22, and USEPA Method 9, on each emission point if necessary, or shut down the equipment immediately and effect the required equipment repairs.

(b) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

(c) If no visible emissions are observed during two consecutive semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

[District Rules 204, 401, 402 and 403]

11. 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 with District Regulation IV requirements.

[District Regulation IV and District Rule 1303]

12. This portable equipment shall only be powered by line power and/or a State of California (PERP) or District permitted portable generator. Please check with the District prior to any PERP use.

[District Rules 204 and 1303]

13. This equipment shall not operate within 820 feet of any receptor.

[District Rule 1320]

14. This portable equipment shall not be operated closer than 1000 feet from the outer boundary of the nearest school (K-12).

[Health and Safety Code Section 42301.6]

15. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]