



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

B012643

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: SEPTEMBER 2024

OWNER OF OPERATOR (Co.#2295)

A R Rock Quarry, Inc.
13564 Palmdale Rd
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#3666)

A R Rock Quarry - Various Locations
District Wide
MDAQMD, CA 92392

Description:

AGGREGATE SCREENING, PORTABLE consisting of: an Atlas Copco screen, model number HCS 5515, serial number 459180069. The associated equipment, as listed, is hydraulically powered by the track-mounted, diesel IC engine registered in the DOORS program under EIN JK6E73, with a rating of 100 bhp.

EQUIPMENT

Capacity	Equipment Description
0	Receiving Hopper, rated at 10 cubic yards, receiving material via loader(s) and dumps to the Feed Conveyor Belt
0	Feed Conveyor Belt, 48", receiving material from the Receiving Hopper and dumps it to the Main Conveyor Belt
0	Main Conveyor Belt, 41", receiving material from the Feed Conveyor Belt and dumps it into the Screen
0	Screen, with two decks serving two Side Conveyor Belts and one Fines Conveyor Belt
0	Two Side Conveyor Belts, 31" x 15'2", receiving material from the Screen and discharging to a storage pile
0	Fines Conveyor Belt, 47" x 15', receiving material from the Screen and discharging to a storage pile

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise

Fee Schedule: 1 (b)

Rating: 100 bhp

SIC: 1442

SCC: 30502511

Location/UTM(Km):
504E/3862N

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.

A R Rock Quarry, Inc.
P.O. Box 1235
Barstow, CA 92311

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1302(C)(2)(a)]

2. Visible emissions from this equipment shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor [District Rule 401]. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public [District Rule 402]. Roadways, work areas and stockpiles shall be kept sufficiently moist to control fugitive dust, and no visible emissions shall extend beyond the property line of the emission source [District Rule 403]. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance with this condition [District Rule 1302(C)(2)(a)]. Compliance with this condition shall be verified on a monthly basis per condition 9.

3. This plant must be mounted on any chassis or skids and be able to be moved by the application of a lifting or pulling force. In addition, there shall be no cable, chain, turnbuckle, bolt or other means (except electrical connections) by which any piece of equipment is attached or clamped to any anchor, slab, or structure, including bedrock that must be removed prior to the application of a lifting or pulling force for the purpose of transporting the unit.
[Title 40 CFR 60.671]

4. Water sprays or dust suppression mechanisms/systems shall be used at conveyor points of charge and discharge, crushers, feeders, and screens, to control fugitive emissions. Through the use of water sprays, a minimum moisture content of two percent (2%) shall be maintained throughout the rock plant. Compliance with this condition shall be verified on a quarterly basis per condition 5.
[District Rule 1302 (C)(2)(a)]

5. The owner/operator shall perform quarterly moisture content testing feed and product to confirm that the moisture content is at least two percent (2%). This testing should be done according to material moisture test ASTM C566-97 or alternative methods with prior District approval. Compliance with this limit shall be verified by condition 10(e).
[District Rule 1302 (C)(2)(a)]

6. This facility shall not operate more than 9 hours per day; 5 days per week; 52 weeks per year; for a total operating limit of 2340 hours per year. Compliance with this limit shall be verified by condition 10(b).

7. The maximum hourly throughput of material through this process shall not exceed 145 tons per hour (tph). As a portable plant, see condition 3, with a process rate of less than 150 tph this unit is not subject to Title 40 CFR 60 subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants per 40 CFR 60.670(c). Compliance with this limit shall be verified by condition 10(c).

8. The owner/operator shall limit the annual production (sum of all products) from this facility to 301,600 tons per year. Compliance with this limit shall be verified by condition 10(d).

9. 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.
(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.

10. 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) The tons of product produced per day (sum of all products from this facility),
(b) Hours operated per day (hours meter reading at startup and shutdown each day),
(c) Average hourly production rate in tph (item a divided by item b),

- (d) The tons of product produced per each consecutive twelve-month basis (sum of all products from this facility),
- (e) Results of the quarterly moisture content tests,
- (f) Opacity results from fugitive emission points in accord with Condition 9, and
- (g) Maintenance and break down records associated with all water spray systems.

11. This equipment is authorized to operate at the Haney Rock Quarry, located at 1.5 miles east northeast of Webster and SoapMine Roads, Barstow CA and the Newberry Wine Quarry, located on Earl Rd (Newberry Rd), approximately 4700 ft south of 30884 Newberry Rd, Newberry Springs, CA.
[District Rule 204]

12. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 1302(C)(2)(a)]