



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

B012825

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: JUNE 2025

OWNER OF OPERATOR (Co. #2887)

Double D Mining, LLC
P.O. Box 7060
Visalia, CA 93290

EQUIPMENT LOCATION (Fac. #3707)

Double D Mining, LLC
1 Arlington Mine Road
Blythe, CA 92225

Description:

CRUSHER/SCREENING, PORTABLE consisting of: The associated equipment, as listed, is hydraulically powered by the diesel IC engine under District Permit B012986, with a rating of 567 bhp.

EQUIPMENT

Capacity	Equipment Description
20	vibrating grizzly crusher feed hopper **verify HP
86	KPI-JCI Horizontal Shaft Impactor, Model 4250, Serial TBD.
10	crusher discharge conveyor **verify HP
10	overs return conveyor **verify HP
40	primary screen **verify HP
20	conveyor
40	secondary screen
15	conveyor

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 noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

Fee Schedule: 1 (c) Rating: 241 bhp SIC: 1499 SCC: 30501505 Location/UTM(Km): 700E/3743N

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

[District Rules 1302(C)(2)(a)]

2.Existing equipment cannot be replaced and/or new equipment cannot be added without submitting an application to the District and receiving a new permit from the District.

[District Rule 201]

3.This plant is a stationary source. The owner/operator must contact the District's engineering section prior to relocating this equipment.

[District Rule 1302]

4.This equipment shall be powered by an internal combustion diesel engine with a valid District permit B012986.

[District Rules 1302 and 1320]

5.Annual throughput shall not exceed 237,120 tons/year on a rolling 12 month average.

Compliance with this limit shall be verified by condition 13.

[District Rule 1303]

6.The facility shall not emit more than 14.9 tons of PM10 per any twelve month period. Compliance with this limit shall be demonstrated using a 12 month rolling average.

[District Rule 1303(B) Offsets]

7.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 plant. Compliance with this condition shall be verified on a quarterly basis per condition 8.

[District Rule 1302 (C)(2)(a)]

8.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.

[District Rule 1302 (C)(2)(a)]

9.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following:

(a) Twelve (12) percent opacity (6 minute rolling average) from the crusher; and,

(b) Seven (7) percent opacity (6 minute rolling average) from all transfer points and fugitive emission points (40 CFR 60.672(b)).

Emissions from initial Truck/Loader dumping into the Primary Jaw Crusher are not included in this requirement.

[40 CFR 60.672(b) and (d)]

10.The owner or operator must perform weekly inspections to verify that high pressure water is properly flowing through all discharge spray nozzles in the wet suppression system. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly during such inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.

[40 CFR 60.674 (b)]

11.The owner/operator shall conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (transfer point or other) associated with this equipment. The initial compliance test must be conducted no later than September 10, 2018. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR 60, Subpart OOO, Section 60.675 and the District Compliance Test Procedural Manual.

[40 CFR 60.672]

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to

12. The owner or operator shall submit written reports to the District of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 60.672 as indicated in condition 11, including reports of opacity observations. Reports shall be submitted electronically to reporting@mdaqmd.ca.gov within forty-five (45) days of completion.

13. 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 permit unit associated with or location of use if used independently, applies to radial stackers only;
- (b) The tons of product produced per each consecutive twelve-month basis (per permit unit);
- (c) Results of the quarterly moisture content tests;
- (d) Weekly water spray system inspection records required by condition 10;
- (e) Maintenance and break down records associated with all water spray systems;
- (f) Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 11; and,
- (g) 12 month rolling average PM10 emissions in ton/year.

[District Rules 204 and 1302]

14. This equipment is not to be used to process Hazardous Air Pollutant (HAP) containing materials with the exception of crystalline silica. Processing HAP containing materials other than ore containing crystalline silica will require the submittal of an application for a revised permit to operate so that Toxic New Source Review can be assessed.

[District Rule 1320]

15. In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour.

[District Rule 430]

16. Roadways, work areas and stockpiles 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. This does not include the haul roads outside of the fenced facility.

[District Regulation IV]

17. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants. In the event of conflict between Permit conditions and the requirements of 40 CFR 60 Subpart OOO, the more stringent requirements shall govern.

[District Rule 204]

18. 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]