



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

B013495

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: APRIL 2026

OWNER OF OPERATOR (Co. #2209)

Jedco, Inc.
Kingston to Palm/Texas turn South
Sandy Valley, CA 92309

EQUIPMENT LOCATION (Fac. #3571)

Jedco Mine
Kingston to Palm, Right on Texas (South)
Sandy Valley, CA 92309

Description:

GYPSUM SCREENING PLANT, PORTABLE consisting of: A portable double deck screening plant manufactured by Atlas Copco Power Crusher model HCS 5515, Serial Number 459180092. This plant is powered by a 100 bhp Caterpillar C4.4 engine (Serial Number 44607646) registered under the DOORS program (DOORS EIN TBD).

EQUIPMENT

Capacity	Equipment Description
0	Receiving Hopper/Vibrating Grizzly (from truck dumps)
0	Screen, Double Deck 12' x 5'. Screen sizes of TBD minus and TBD minus
0	Main conveyor, TBD feet x 42 inches
0	Mid-Over Side conveyor, TBD feet x 32 inches
0	Mid-Fines Side conveyor, TBD feet x 32 inches
0	Fines conveyor, 16.5 feet x 47 inches
126	Screen and Belt Drives, total bhp

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 (b) Rating: 126 bhp SIC: 1499 SCC: 30501507 Location/UTM(Km): 626E/3955N

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.

Jedco, Inc.
PO BOX 3742
Laguna Hills, CA 92654

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

[District Rules 203 and 1302]

2.This plant must be moved within the facility or moved to another facility at least once every 12 consecutive months for a valid business reason. A log of such moves must be kept onsite and made available to District personnel upon request. Failure to properly document plant movement will result in the plant being reclassified as a stationary source.

[District Rule 1302]

3.This equipment must be equipped with a water spray system with nozzles at the top of the screen, at each conveyor drop point/head pulley, and each radial stacker drop point/head pulley. The water pressure shall be maintained at or above 60 psig measured at the main manifold while operating at maximum flow rate. Additionally, all operating conveyor belts shall be covered if any dusting is observed coming from the belts.

[District Rule 1302]

4.The owner/operator must perform monthly moisture content testing to confirm that the free moisture content in all finish piles is at least 1.5%. The moisture content of the screened material shall be analyzed according to material moisture test ASTM D2216-10 or equivalent as approved by the District. A special annotation must be made on all samples to indicate that the material being tested is Gypsum and the appropriate drying methods described in paragraph 1.4 of ASTM D2216-10 must be followed with an added special condition that the drying temperature shall not exceed 160 degrees Fahrenheit at any time.

[District Rule 204, District Regulation XIII, ASTM D2216-10]

5.This facility shall not process more than 695 tons of material per day, calculated on a midnight to midnight basis.

[District Rule 1303]

6.This facility shall not process more than 250,000 tons of material in any twelve (12) month period.

[District Rule 1303]

7.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)].

8.The owner/operator must monitor opacity from the property line of this facility on a weekly basis to determine whether visible fugitive dust is crossing the property line in accordance with USEPA Method 22.

[District Rule 403, USEPA Method 22]

In the event that visible dust is observed crossing the facility's property boundary the system shall be shut down and corrective action must be taken prior to resuming operations.

[District Rule 403]

9.This facility shall not emit more than 12 tons per year of PM10 and not more than 20 tons per year of NOx.

[District Rule 1303]

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 processed per each operating day;
- b. The number of hours operated each operating day;
- c. The tons of product processed per month;
- d. Date and result of each monthly moisture content tests;
- e. Date and result of each opacity evaluation and any corrective action taken (Method 22 result);
- f. Date and location of each equipment move proving the portability of this equipment; and
- g. Inspection, maintenance and break down records associated with all water spray systems.

[District Rules 204 and 1302]

11.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]