



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**PERMIT TO OPERATE**

B003948

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: APRIL 2027**

**OWNER OF OPERATOR (Co.#118)**

Mitsubishi Cement Corporation  
 5808 State Highway 18  
 Lucerne Valley, CA 92356

**EQUIPMENT LOCATION (Fac.#1)**

Mitsubishi Cement - Cushenbury Plant  
 5808 Highway 18  
 Lucerne Valley, CA 92356

**Description:**

SAND PLANT consisting of: Crushing and screening plant producing sand, grit, and small (3/4" minus) aggregate that supports loadout silos 1-SS-2 and 1-SS-3.

**EQUIPMENT**

Capacity	Equipment Description
10	Conveyer 42" x 10'10" - Feeder under Grizzly (1-BC-1)
10	Conveyer 36" x 48' - Surge bin feed conveyer (1-BC-10)
10	Conveyer 36" x 78' - Sand radial conveyer (1-BC-11)
5	Conveyer 29" x 17' - Bottom deck cross conveyer (1-BC-12)
10	Conveyer 30" x 80' - Grit stacker conveyer (1-BC-13)
7.5	Conveyer 29" x 26' - Middle deck cross conveyer (1-BC-14)
10	Conveyer 30" x 60' - 3/4" lock stacker conveyer (1-BC-15)
5	Conveyer 30" x 12' - Top deck cross conveyer (1-BC-16)
20	Conveyer 36" x 85' - VSI crusher feed conveyer (1-BC-17)
25	Conveyer 36" x 97' - VSI crusher return conveyer (1-BC-18)
5	Conveyer 36" x 20' - Waste feeder conveyer (1-BC1A)
7.5	Conveyer 30" x 24' - Rock feeder conveyer (1-BC1B)

Fee Schedule: 1 (d)

Rating: 1429.5 bhp

SIC: 3241

SCC: 30502006

Location/UTM(Km):  
 514E/3802N

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.

Mitsubishi Cement Corporation  
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 Lucerne Valley, CA 92356

By: **COPY**  
**Brad Poiriez**  
 Executive Director

Capacity	Equipment Description
15	Conveyer 24" x 62' - Grizzly feeder conveyer (1-BC1C)
15	Conveyer 42" x 115' - Feeder conveyer to 5x16 JCI screen (1-BC-2)
5	Conveyer 46" x 16' - 5x16 underscreen -6 mesh waste (1-BC-3)
5	Conveyer 30" x 20' - Minus 6 mesh stacking conveyer (1-BC-4)
40	Conveyer 36" x 86' -Rejects conveyer (1-BC-4A)
10	Conveyer 36" x 28' - minus 2.5 x +6 mesh from 5x16 screen (1-BC-5)
10	Conveyer 36" x 28' - Bearclaw crusher minus 2.5 discharge (1-BC-6)
10	Conveyer 60" x 36' - Picker belt (1-BC-7)
15	Conveyer 36" x 88' - Feed conveyer to JCI screen (1-BC-8)
15	Conveyer 60"x 27' - Underscreen conveyer (1-BC-9)
100	Bearclaw primary crusher (1-CR-1)
60	Thunderbird Jaw Crusher (1-CR-1A)
500	Remco Sandmax VSI crusher (1-CR-2)
20	1-HU-1A
1.5	Sand pile loading spout (1-LS-1)
1.5	Grit pile loading spout (1-LS-2)
1.5	Rock pile loading spout (1-LS-3)
2	Radial Drive (1-RS-1)
2	Radial Drive (1-RS-2)
50	Primary 3 Deck 5x16 vibrating screen (1-VS-1)
5	Vibrating screen (1-VS-1A)
75	Finish 3 deck 8x20 vibrating screen (1-VS-2)

## CONDITIONS:

1. This equipment shall not be operated unless it is vented to properly functioning air pollution control equipment covered by valid District permits: C008145, C008146, C008147, C008148, C008149, C008150, C008151, and C009581.
2. The o/o shall have a continuing program of maintenance/inspections in accord with manufacturer's recommendations and/or specifications which ensures compliance with District Rules.
3. The o/o shall maintain a log of all inspections, repairs, and maintenance on this equipment. The log shall be kept on-site for a minimum period of five years and provided to District personnel on request.
4. The o/o shall limit sand production to a maximum of 200 tons per hour.
5. The owner/operator (o/o) shall limit the annual sand production to 1,200,000 tons per year. Records of monthly and yearly throughput shall be kept.
6. 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.
7. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
  - a. Stack emissions - seven percent (40 CFR 60.672(a))
  - b. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))
8. The o/o will periodically monitor opacity from fugitive emission points according to the following methodology:
  - (i) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with USEPA

Method 22. The test must be conducted while the affected source is in operation.

(ii) 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.

(iii) If no visible emissions are observed during the 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.