



**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**

B009582

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 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:**

CLINKER STORAGE DOME COMPLEX consisting of:

**EQUIPMENT**

Capacity	Equipment Description
75	Air Compressor for Domes, 320 SCFM, with reserve air tank and drain, 4-AC-6
0	Air Conditioner for Dome Electrical Room #14, 4-ACU-3
0	Pan Conveyor Scale - on 4-DDC-7 after Dome #1, 4-BCS-1
0	Pan Conveyor Scale - on 4-DDC-8 after Dome #2, 4-BCS-1
0	Dust Collector at Reclaim Pan Conveyors (4-DDC-7 & 8) and Tail Pulley Conveyor (4-DDC-4), 4-DDC-4 discharge, 35000 CFM, 4-DC-53
0	Dust Collector at top of Dome #1, 4-DDC-5 discharge, Transfer Pan Conveyor (4-DDC-6), 4000 CFM, 4-DC-49
0	Dust Collector at top of Dome #2, 4-DDC-6 discharge, 2600 CFM, 4-DC-50
0	Dust Collector at top of Dome #3, 4-DDC-9 discharge, 4000 CFM, 4-DC-51
0	Dust Collector on Reclaim Conveyor between 4-SD-3 and 4-SD-1, 4000 CFM, 4-DC-61
7.5	Pan Conveyor - from top of 4-SS-4 to Dome #1, 32" wide 320 MTPH, 4-DDC-5
20	Pan Conveyor - from top of Dome #1, to Dome #2, 32" wide 320 MTPH, 4-DDC-6
15	Pan Conveyor top of Dome #1 to Dome #3 ?? wide 320 MTPH, 4-DDC-9

Fee Schedule: 1 (b)

Rating: 208.5 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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By: **COPY**  
 Brad Poiriez  
 Executive Director

Capacity	Equipment Description
25	Pan Conveyor - in Tunnel under Dome #3 and Dome #1, to 4-DDC-4, 32" wide 320 MTPH, 4-DDC-7
20	Pan Conveyor - in Tunnel under Dome #2, to 4-DDC-4, 32" wide 320 MTPH, 4-DDC-8
1	Flow Shutoff Valve at center of Dome #2, 4-FSV-10
0	Manual Flow Shutoff Valve under Dome #2, 4-FSV-11
1	Flow Shutoff Valve under Dome #2, farthest from 4-SS-4, 4-FSV-12
1	Flow Shutoff Valve under Dome #1, closest to 4-SS-4, 4-FSV-3
0	Manual Flow Shutoff Valve under Dome #1, 4-FSV-4
1	Flow Shutoff Valve at center of Dome #1, 4-FSV-5
0	Manual Flow Shutoff Valve under Dome #1, 4-FSV-6
1	Flow Shutoff Valve under Dome #1, farthest from 4-SS-4, 4-FSV-7
1	Flow Shutoff Valve under Dome #2, closest to 4-SS-4, 4-FSV-8
0	Air Actuated Flow Shutoff Valves under Dome #3, 4-FSV-13 thru 17
0	Manual Flow Shutoff Valve under Dome #2, 4-FSV-9
0	Gate - at discharge of 4-DDC-3, clinker to 4-SS-4, 4-GA-146
0	Gate - at discharge of 4-DDC-3, clinker to 4-DDC-5, 4-GA-147
0	Isolation Gate for 4-DC-49 dust collector air from 4-DDC-6 tail, 4-GA-148
0	Gate at discharge of 4-DDC-5, clinker to Dome #1, 4-GA-149
0	Gate at discharge of 4-DDC-5, clinker to 4-DDC-6, 4-GA-150
0	Gate at top of 4-SS-4, dedust line for Tail of 4-DDC-5, 4-GA-151
1	Hoist - Motorized Trolley at top of Dome #2, 4-HO-10
7.5	Hoist - Motorized Trolley at 4-DDC-5 Tower, lift, 4-HO-8
0.5	Hoist - Motorized Trolley at 4-DDC-5 Tower, travel, 4-HO-8
1	Hoist - Motorized Trolley at top of Dome #1, 4-HO-9
15	Hoist Motorized Trolley at top of Dome #3, 4-HO-11
15	Hoist Motorized Trolley under Dome #3, 4-HO-12
0	Storage Dome #1 Type II clinker, 4-SD-1, 42,000 Ton
0	Storage Dome #2 Type III clinker, 4-SD-2, 42,000 Ton
0	Storage Dome #3 Type II/V clinker, 4-SD-3, 42,000 Ton
0	Dome Electrical Room #14, ER-14

## CONDITIONS:

- Equipment shall be operated/maintained according to the recommendations of the manufacturer/supplier and/or sound engineering principles.
- All covers, lids, gaskets, etc. shall be in place at all times during operation of this equipment and shall be maintained to assure proper fit to minimize fugitive dust.
- The owner/operator (o/o) shall limit the annual process throughput to 800,000 tons per year. Records of monthly and yearly throughput shall be kept.
- Once the construction of this permit unit is completed, there will be no outside clinker storage other than the existing storage areas connected to B001034 and B001035 (both under Group #5), except under emergency conditions.
- This equipment shall not be operated unless it is vented to air pollution control equipment that is operating as per valid District permits C009583 (4-DC-49), C009585 (4-DC-50), C009587 (4-DC-53), C014322 (4-DC-51), and C014323 (4-DC-61).

6. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 63 Subpart LLL - National Emission Standards for Hazardous Air Pollutants From the Portland Cement Manufacturing Industry.

7. All ingress to and egress from the clinker storage domes shall be kept secure and shut during all times clinker is entering the domes.  
[District Rule 401]