



# 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

C001090

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: JUNE 2025

#### OWNER OF OPERATOR (Co. #1)

CEMEX Construction Materials Pacific LLC  
16888 North E Street  
Victorville, CA 92392

#### EQUIPMENT LOCATION (Fac. #5)

CEMEX - Black Mountain Quarry Plant  
25220 Black Mountain Quarry Road  
Apple Valley, CA 92307

#### Description:

AIR POLLUTION CONTROL EQUIPMENT (GBH2) consisting of: Serving Kiln 2Q (B001083). Mikro Pul Reverse air type with 2,592 glass bags, each measuring 11-1/2" diameter x 378" long. Gross cloth area 245,692 sq.ft., 400,000 ACFM at 400 degrees F. Air to Cloth ratio is 1.62:1. Four 30 hp heat exchanger fans, one 125 hp 30,878 ACFM collapse blower and one Solvent-Ventec type DX239 3TD8A, 1,475 hp exhaust fan, 34F1, discharging to atmosphere via stack at 400,000 ACFM and 400 degrees F. Facility has specified that the normal operating range for pressure differential is between 0 and 6 inches water column.

#### CONDITIONS:

1. The owner/operator (o/o) shall operate this particulate control equipment in strict accordance with the manufacturer's specifications and/or sound engineering principles.

[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

[District Rule 204]

2. The o/o shall maintain a log of all inspections, repairs, and maintenance on this equipment and submit it to the District on request. The log shall be kept for a minimum period of five years.

[District Rules 204 and 1203, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500609

Location/UTM(Km): 476E/3826N

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.

CEMEX Construction Materials Pacific  
LLC  
16888 North E Street  
Victorville, CA 92392

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

2.This baghouse shall be operated concurrently with Kiln 2Q under District Permit B001083.  
[District Rule 204]

3.The o/o shall maintain on-site, as a minimum, an inventory of replacement bags that assures compliance with applicable Rules of District Regulation IV.  
[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

3.The o/o shall maintain a log of all inspections, repairs, and maintenance on this equipment and submit it to the District on request. The log shall be kept for a minimum period of five years.  
[District Rules 204 and 1203]

4.PM shall be continuously monitored with a properly functioning PM Continuous Parametric Monitoring System (CPMS), maintained and calibrated in accordance with the manufactures requirements and the requirements of subsection 63.1350(b).  
[District Rule 1302]

4.PM shall be continuously monitored with a properly functioning PM Continuous Parametric Monitoring System (CPMS), maintained and calibrated in accordance with the manufactures requirements and the requirements of subsection 63.1350(b).  
[District Rule 1302]

5.Pursuant to 40 CFR part 63 subpart LLL, PM emissions from this clinker cooler baghouse shall not exceed 0.07 lb/ton of clinker as verified by annual source testing.  
[40 CFR part 63 subpart LLL section 63.1343]

5.Pursuant to 40 CFR part 63 subpart LLL, PM emissions from this clinker cooler baghouse shall not exceed 0.07 lb/ton of clinker as verified by annual source testing.  
[40 CFR Part 63 Subpart LLL Section 63.1343]

6.The owner/operator shall conduct PM performance tests at a minimum of once every twelve (12) months. Tests shall be performed in accordance with EPA Method 5 or 5I and Method 202 (for Condensable PM quantification), and consist of three 1-hr tests. Test results shall indicate that baghouse stack emissions of filterable PM are no more than 0.07 Lbs/Ton - Clinker as required by subpart LLL and Condition 5 above.  
[40 CFR 63 Subpart LLL and District Rule 204]

6.The owner/operator shall conduct PM performance tests at a minimum of once every twelve (12) months. Tests shall be performed in accordance with EPA Method 5 or 5I and Method 202 (for Condensable PM quantification), and consist of three 1- hr tests. Test results shall indicate that baghouse stack emissions of filterable PM are no more than 0.07 lbs/Ton - Clinker as required by subpart LLL and Condition 5 above.  
[District Rule 204; 40 CFR 63 Subpart LLL]

7.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 reporting@mdaqmd.ca.gov.  
[District Rule 204]

7.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 reporting@mdaqmd.ca.gov.

[District Rule 204]

8.This Baghouse is subject to District Rules and Regulations and the Cement NESHAP 40 CFR 63 Subpart LLL. In the event of conflict the more stringent requirements shall govern.

[District Rule 204]

8.This Baghouse is subject to District Rules and Regulations and the Cement NESHAP 40 CFR 63 Subpart LLL. In the event of conflict, the more stringent requirements shall govern.

[District Rule 204]

9.The owner/operator shall maintain on-site, as a minimum, an inventory of replacement bin socks and filter cartridges that assures compliance these conditions.

[District Rule 204]

10.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; 40 CFR 51, Subpart A]