



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA92392-2310  
760.245.1661 -- 800.635.4617 -- FAX760.245.2022

### PERMIT TO OPERATE

C003249

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, CA92392

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

CEMEX - Black Mountain Quarry Plant  
25220 Black Mountain Quarry Road  
Apple Valley, CA92307

#### Description:

BAGHOUSE (QBH1) consisting of: BAGHOUSE- WHICH SERVES THE RAW MILL ADDITIVE SYSTEM: Fuller model 3FM Unifilter, Mechanical Shaker type baghouse with 16 polyester bags, each measuring 4.8' x 3'6". Cloth area is 402 ft<sup>2</sup>, air flow is 1600 ACFM. Air to Cloth ratio is tbd. Fan motor is rated at 3 hp. Exhaust stack is 26'L X 102" dia. Exhaust Temperature is 110 F. Unit serves Raw miss additive system permitted under B001084. Facility has specified that the normal operating range for pressure differential is between 1 and 6 inches water column.

#### CONDITIONS:

1. The owner/operator (o/o) shall have a maintenance plan for this baghouse, which will include at a minimum, a log that will include visual emission readings on a regular basis, recording of differential pressures across the baghouse and inspection/repairs frequency. [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 maintenance log for this baghouse shall be maintained on-site for five years and be made available to the District upon request. [District Rules 204 and 1203, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

2. This baghouse shall operate concurrently with the Raw Miss Additive System permitted under B001084.

Fee Schedule: 7 (h)      Rating: 1 device      SIC: 3241      SCC: 30500614      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, CA92392

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

[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 conduct a minimum program of inspection and maintenance on this equipment, following the operations and maintenance plan requirements pursuant to 40 CFR 63, Subpart LLL. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. A site-specific opacity monitoring plan;
- b. Pressure differential across the bags (monthly);
- c. Bags and bag suspension system inspection (quarterly);
- d. Monthly baghouse stack observations using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes of observations) if visible emissions are observed. If no visible emissions are observed for six consecutive months, the frequency can change to semi-annually. If no emissions are observed semi-annually the frequency can be changed to annually. If any visible emissions are observed, the frequency reverts to monthly until no visible emissions are observed for six consecutive months.
- e. Date and nature of any system repairs.

[40 CFR 63.1350(f), 1355(g)]

4.This baghouse shall only be operated and maintained in strict accord with manufacturer's and/or supplier's recommendations and/or sound engineering principles.

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

4.All equipment shall be operated in compliance with applicable requirements of 40 CFR 63 Subpart LLL - National Emission Standard for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.

[40 CFR Part 63 Subpart LLL]

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than ten percent opacity.

[District Rule 401; 40 CFR 63.1343(b), 1345]

6.Particulate emissions shall not exceed a discharge grain loading of 0.02 gr/ACF of TSP. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rules 204 and 1303]

7.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]

8.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]