



## 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

C001668

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: 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 (EBH2) consisting of: Flex-Kleen, Pulse-Jet model 754 SF with 48 polyester bags, each measuring 5.75" diameter x 120.5" long. 754 ft<sup>2</sup>, Air flow of 4,000 CFM. Air to Cloth ratio of 5.5; 25 hp fan motor. Serving No. 1 Raw Mill, East Homogenizing Silo (B000083). Facility has specified that the normal operating range for pressure differential is between TBD 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.

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.

2. This baghouse shall be operated concurrently with No. 1 Raw Mill System, East Homo Silo (B000083).

[District Rule 204]

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

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.

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. 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.
  - c. Date and nature of any system repairs.
- [40 CFR 63.1350(f), 1355(g)]

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 1303]

7.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.

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]