



## 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

C007347

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:

BAGHOUSE- HBH25, WHICH SERVES KILN Q-3 CLINKER COOLER SYSTEM consisting of: Amerex model RP-10-90 D6 pulsejet type baghouse with 90 Nomex bags, each measuring 5.75" diameter x 120.5" long. Cloth area is 1,359 ft<sup>2</sup>, air flow is 7,500 ACFM at 250F. Air to Cloth ratio is 5.5:1. Fan motor is rated at 40 hp. Exhaust temperature is 250 F. Unit serves Q3 Kiln and Clinker Cooler system Facility has specified that the normal operating range for pressure differential is between 1.5 and 6 inches water column.

#### CONDITIONS:

1. Opacity measurements shall not exceed 10% aggregated for 3 minutes in any 1-hour period.
2. Regular emissions testing for demonstration of compliance with District rules 404 and 405 are not required. The District may require additional emissions testing at its discretion.
3. The owner/operator (o/o) shall install, operate and maintain this dust collector in strict accord with those recommendations of the manufacturer/supplier, and sound engineering principles which produce minimum emissions of air contaminants.
4. The o/o shall institute a program of maintenance, visible emission determinations, monthly visual inspections of all associated equipment (inclusive of the bags and their suspension systems) in accordance with 40CFR Part 63.1350, and regular (to be determined with experience with this unit) measurements of the pressure differential across the bags.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500612

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

5.The o/o shall log all the items in 2 above in addition to the bag replacements, repairs and non-scheduled maintenance. The log shall be kept current, on-site for a minimum of 5 years and provided to District personnel on request.

6.The o/o shall maintain an inventory of replacement bags on-site at all times which will ensure compliance with applicable Rules of District Regulation IV.

7.The o/o shall install and maintain a device which measures the pressure differential across the bags if one has not been provided with this unit.

8.This baghouse shall operate concurrently with Clinker Pan Conveyor of the Kiln (Q-3)/Clinker Cooler under valid District permit number B005362.

9.This baghouse shall discharge no more than 0.48 lb/hour of PM-10 at a maximum concentration of 0.01 grain/dscf PM-10 at the operating conditions described in the above description.