



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

### RENEWAL

C007358

Renewal type Permit has no description information.

**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- (FCM4BHC1), WHICH SERVES THE PULVERIZED COAL BIN consisting of: Mikro Pul PulseAire model 42-12-50-PSIG TRC pulsejet type baghouse with 42 polyester bags, each measuring 4.63" diameter x 42" long. Cloth area is 178 ft<sup>2</sup>, air flow is 2,414 ACFM. Air to Cloth ratio is 13.6:1. Fan motor is rated at 25 hp. Unit serves Pulverized Coal Bin permitted under T007357. Facility has specified that the normal operating range for pressure differential is between 1 and 5.5 inches water column.

#### **CONDITIONS:**

1. 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.  
[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 institute a program of maintenance which embraces at least weekly visible emission determinations, monthly visual inspections of all associated equipment (inclusive of the bags and their suspension systems) and regular (to be determined with experience with this unit) measurements of the pressure differential across the bags.  
[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

2. This baghouse shall be operated concurrently with New Pulverized Coal Bin; under valid District permit number T007357.  
[District Rule 204]

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, CA 92392

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

3.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 five years and provided to District personnel on request.

[District Rules 204 and 1203, 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. 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 reading of baghouse pressure drop, date and value;
- c. Bags and bag suspension system inspection (monthly);
- 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.

[District Rule 204; 40 CFR 60.1350]

4.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.

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

4.This baghouse shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart Y - Standards of Performance for Coal Preparation Plants.

[District Rule 204; 40 CFR 60.250]

5.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.

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

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent opacity.

[District Rule 204; 40 CFR 60.250(c)]

6.This baghouse shall operate concurrently with New Pulverized Coal Bin; under valid District permit number T007357.

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

6.This baghouse shall discharge no more than 0.5 lb/hour at a maximum concentration of 0.02 gr/dscf of TSP at the operating conditions described in the above description. 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 Rule 204 and 1303]

7.This baghouse shall discharge no more than 0.5 lb/hour at a maximum concentration of 0.02 gr/dSCF at the operating conditions described in the above description.

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

7.This unit shall be equipped with a device to measure the pressure differential across the bags (manometer).

[District Rule 204]

8.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[District Rule 204]

9.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.

