



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### PERMIT TO OPERATE

C000094

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 (FBH1) consisting of: Mikro Pul PulseAire model 221-10-100 TR pulsejet type baghouse with 663 polyester bags, each measuring 4.63" diameter x 42" long. Cloth area is 2,808 ft<sup>2</sup>, air flow is 42,750 ACFM. Air to Cloth ratio is 15.2:1. Fan motor is rated at 350 hp. Exhaust temperature is 150 F. Unit serves Coal Mill #1. Shares common exhaust stack with FBH2. Permitted under C010581 Facility has specified that the normal operating range for pressure differential is between 1.5 and 5.5 inches water column.

#### CONDITIONS:

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, 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. This baghouse shall be operated concurrently with coal mill No. 1 (B001083).  
[District Rule 204, 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: 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

2.This baghouse shall be operated concurrently with coal mill No. 1 (B001083).  
[District Rule 204]

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. Monthly reading of baghouse pressure drop, date and value;
- b. Monthly (or less frequently if allowed by a 40 CFR 63.1350 operations and maintenance plan) baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
- c. Quarterly bag and bag suspension system inspection date and results;
- d. Date of bag replacements; and,
- e. Date and nature of any system repairs.

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

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- c. Quarterly bag and bag suspension system inspection date and results;
- d. Date of bag replacements; and,
- e. Date and nature of any system repairs.

[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 52.220(c)(39)(ii)(B), 40 CFR 60.250]

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[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 60.250]

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

[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B), 40 CFR 60.252(c)]

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[District Rule 204, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B), 40 CFR 60.252(c)]

6.This baghouse shall discharge no more than 3.66 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). 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, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

6.This baghouse shall discharge no more than 3.66 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). 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, 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, 40 CFR 52.220(c)(39)(ii)(B), 40 CFR 70.6(a)(3)(B)]

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

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

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

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

[District Rule 204]

9.The pollutant-specific emission unit (B001083), for which this baghouse controls is subject to the requirements of Compliance Assurance Monitoring (CAM) of 40 CFR 64. As such, this permit unit must be compliant with an approved CAM Plan. An excursion of the CAM Plan is defined as a differential pressure outside the range of 1.5 and 5.5 inches of column; and/or the presence of visible emissions, as demonstrated by condition 3(d) of this District Permit. Any excursion of the CAM Plan requires the owner operator to do the following:

- a. Inspect the affected equipment;
- b. Initiate a corrective action, within 24 hours; and
- c. Report/Document the excursion in facility recordkeeping required under condition 3 of this District Permit.

[40 CFR 64.7(d)]

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]