



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

C003663

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: MAY 2026

OWNER OF OPERATOR (Co.#502)

Soil Safe of California, Inc
12328 Hibiscus Avenue
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#1188)

Soil Safe - Adelanto
12328 Hibiscus Avenue
Adelanto, CA 92301

Description:

BAGHOUSE consisting of: 57,634 acfm, 720 Nomex bags, total filter area - 16,467 sq. ft. Each bag is 6.24" dia.x 14'1". The blower (54" dia.), damper, and actuator for this baghouse will be driven by 2-150 hp motors and the additional equipment will consist of electric motor driven compressor (50 hp), augers, starters, and ancillaries. Equipment Elevation is 2920 feet above sea level.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 204]

2. Visible emissions from this facility shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
[District Rule 401]

3. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator shall maintain current and on-site for two (2) years a log of the following information, which shall be provided to District personnel upon request:
 - a. Weekly reading of baghouse back pressure, date and value;

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4953

SCC: 50300101

Location/UTM(Km):
464E/3825N

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.

Soil Safe of California, Inc
12328 Hibiscus Avenue
Adelanto, CA 92301

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

- b. Monthly baghouse stack observation date and result, using EPA Method 22 (and EPA method 9, if Method 22 detects visible emissions). In lieu of Method 9, owner/operator may cease operations until deficiencies contributing to opacity are corrected.);
 - c. Annual bag and bag suspension system inspection date and results;
 - d. Date of bag replacements; and,
 - e. Date and nature of any system repairs.
- [District Rules 1303]

4. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). During operation, the differential pressure drop shall be maintained between 2.5 to 5.0 inches water column.

[District Rule 1303]

5. The owner/operator shall maintain on-site, as a minimum, an inventory of replacement filter bags that assures compliance these conditions.

[District Rule 1302]

6. In the event that opacity is observed during the USEPA Method 22, the owner/operator must do one of the following:
- a. Conduct a USEPA Method 9 to determine compliance with the opacity limit of condition #2. If the opacity limit of this condition is not violated, the owner/operator must ensure that all equipment and controls are operating correctly, but operations are not required to be shut down. If the opacity limit of condition #2 is violated the owner/operator must adhere to option 'b.' below.
 - b. Shut down the affected equipment and take corrective action to preclude any further emissions. Upon restarting the affected equipment, the owner/operator must conduct a USEPA Method 22 and/or Method 9 to demonstrate that the corrective action taken was sufficient. Equipment breakdowns resulting in violation must be reported to the District in accordance with District Rule 430, as specified below.
- [District Rules 403 and 430]

In the event that the owner/operator observes a visible emission exceedance and cannot effect immediate repairs, the owner/operator may initiate the following Breakdown Provision requirements:

- a. The owner/operator shall report to the District within one hour of such breakdown or within one hour of the time a person knew or should have reasonably known of the occurrence of such breakdown; and
- b. Provide an estimate of the repair time to the District as soon as possible after the report of the breakdown; and
- c. Immediately initiate any and all reasonable steps to minimize emissions and correct conditions that are causing excess emissions to occur.
- d. The owner/operator shall operate the equipment only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time the device shall be shut down for repairs, unless a petition for an emergency variance has been filed with the clerk of the Hearing Board in accordance with Regulation V.

These requirements shall be communicated using the Breakdown Hotline at 760-245-1661 extension 1961, and through the Breakdown e-mail address at breakdowns@mdaqmd.ca.gov.

[District Rules 430]

7. Any owner/operator that wishes to utilize the provisions of District Rule 430, Breakdown Provisions, shall demonstrate the nature and extent of the breakdown by providing to the District signed contemporaneous operating logs and/or other relevant evidence that documents:
- a. That a breakdown occurred and can identify the cause of the breakdown; and
 - b. That the equipment was, at the time of the breakdown, being properly operated; and
 - c. That during the period of the breakdown all reasonable steps were made to minimize levels of emissions and to correct the condition that lead to the breakdown.

This relevant evidence shall be submitted to the District within sixty (60) days of the date the breakdown was reported to the District through the Breakdown e-mail address at breakdowns@mdaqmd.ca.gov.

[District Rule 430]

8. This unit shall be operated concurrently with the dryer and shall be operating prior to any start-up of the dryer and shut down only after cessation of dryer operation.

[District Rule 1302(C)(2)(a)]

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.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]