



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

C008413

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:

SOIL REMEDIATION EQUIPMENT, PORTABLE consisting of: Portable Vapor Extraction Unit and Oxidizer for Research and Development. The treatment cell uses heat from the thermal oxidizer, 1400 degrees F, to liberate the hydrocarbons from the contaminated soil. The hydrocarbons are thermally destroyed in the portable oxidizer. Any excess emissions from the portable oxidizer will be directed to the stationary oxidizer currently permitted by MDAQMD permit B003664. Burner is a Shurlite VOC fume burner (model unknown) maximum capacity 4.0 MMBtu/hr operating on natural gas or propane. Chamber is 36 inches diameter by 16 feet long, has an ID fan for vapors that is 3,000 cfm, 5hp at 12 inches wc static pressure. VOC fume load is designed at 5,000 ppm. This unit is limited (by bin size) to operating at no more than 1.0 MMBtu/hr, and using a 16 cubic yard bin. The equipment specified in this permit is not at the Adelanto facility. This permit has been historically maintained in the event of a major mechanical failure and/or downtime to the existing unit and considered as a back-up unit to ensure existing and normal operational throughput requirements are maintained. When on site the Equipment Elevation is close to 2917 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 in a manner consistent with good air pollution control practice for minimizing emissions. 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 1302(C)(2)(a)]

2. Emissions from this facility shall not exceed 7.37 lbs/hour or 16.32 tons/year for VOC verified by logs and compliance tests.

[District Rule 1303]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4953

SCC: 50410510

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**
Brad Poiriez
Air Pollution Control Officer

3. When brought on site and in use, within sixty (60) days of initial start-up, the o/o shall perform an initial compliance test. This test shall demonstrate that this equipment is capable of operation at 100% load in compliance with the emission limit in condition 2 above (measured per USEPA Reference Methods 40 CFR 60, 25A and 18).

[District Rule 1303]

4. When brought on site and in use, the o/o shall conduct all required compliance/certification tests in accordance with a District-approved test plan and MDAQMD Compliance Test Procedural Manual. Thirty (30) days prior to the compliance/certification tests the operator shall provide a written test plan for District review and approval. Written notice of the test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written report with the results of such tests shall be submitted to the District within forty-five (45) days after testing. All protocols, notifications, and test results must be submitted electronically to reporting@mdaqmd.ca.gov.

[District Rule 204]

5. The o/o shall maintain a log for this unit, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of two (2) years and shall be provided to District personnel on request:

- a. Dates of use;
- b. Duration of each use, in hours;
- c. Total annual operation in terms of hours per calendar year;
- d. Source test results

[District Rule 1303]

6. The o/o shall perform the annual compliance tests starting in 2003 identical to the initial compliance test as required above. The test report shall be submitted to the District no later than six weeks prior to the expiration date of this permit in the applicable year. [District Rule 1303]

7. 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]