



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C010659

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2012

OWNER OF OPERATOR (Co.#1854)

ALTA EM, Inc.
8280 Utica Ave., Suite 200
Rancho Cucamonga, CA 91730

EQUIPMENT LOCATION (Fac.#2421)

ALTA EM - MDAQMD
District Wide
MDAQMD, CA 92392

Description:

SOIL VAPOR EXTRACTION consisting of: MAKO Industries soil vapor extraction and treatment system, electric and catalytic oxidizer, Model 250 ECAT; powered by a 10 hp motor powered extraction blower; capable of producing vacuums of up to 12" Mercury or 160" WC and flow rates of up to 250 scfm. Device operates between 600 and 1200 degrees F, and has destruction efficiency of 99%+.

CONDITIONS:

1. Operation of this equipment shall be in strict compliance with all the information submitted with the application, for which this permit has been issued, unless specifically exempted hereunder.
2. The owner/operator (o/o) shall notify the District in writing a minimum of 10 District working days prior to operation of this equipment at each new location in the District. The o/o shall provide the following information at that time:
 - (A) The Permit Number of the portable equipment
 - (B) The name and phone number of a contact person
 - (C) The location where the portable equipment will be operated
 - (D) The estimated time the portable equipment will be located at the site
 - (E) Description of the project
 - (F) The distance to the nearest off-site receptor, defined as; long-term Health Care Facilities, Rehabilitation Centers, Convalescent Centers, Retirement Homes, Residences, Schools, Playgrounds, Child Care Centers, Businesses and Athletic Facilities. (Note: Equipment shall not be operated unless it is located at a minimum of 25 meters from the nearest off-site receptor as defined above.)
3. During these operations, determinations for TPH as hexane, or equivalent, shall be made using a flame ionization detector (FID), photoionization detector (PID), or other method determined to be equivalent by this District. Monitoring and bag samples shall be taken

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4959

SCC: 99999999

Location/UTM(Km):
473E/3956N

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.

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

at both the inlet and outlet of the combustor/oxidizer. Monitoring shall be for the at least the first 3 consecutive hours on the first day of start-up. Monitoring may be reduced to monthly following start-up, but shall consist of at least bag samples analyzed according to USEPA methods 8015, modified and 8020, until the project is completed.

4. FID, PID or equivalent shall be considered invalid if not calibrated on the day of required use.

5. The o/o shall maintain current and on-site for the duration of the project a log of the following information, which shall be provided to District personnel upon request, with date and time where appropriate:

- a. Blower induced vacuum in inches of mercury;
- b. Oxidizer flow rate, in standard cubic feet per minute;
- c. Oxidizer temperature in degrees Fahrenheit;
- d. FID/PID readings; and,
- e. Tedlar bag test results.

6. The o/o shall submit to the District a summary report, using District approved format, of all VOC emissions (as hexane) and benzene for all sites at which this unit was used, prior to January 31 of every calendar year.

7. Equipment proposed to be located closer than 1000 feet to a school, defined as Kindergarten through twelfth grade, requires a 30 day public notification and review period.

8. This equipment shall not emit more than 1.6 pounds per day of Total Petroleum Hydrocarbons (TPH).