



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

C008217

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2016

OWNER OF OPERATOR (Co.#1376)

Drewelow Remediation Equipment, Inc
1523 Sterling Court
Escondido, CA 92029

EQUIPMENT LOCATION (Fac.#2432)

Drewelow Engineering - Various Loc
District Wide
MDAQMD, CA 92392

Description:

SOIL REMEDIATION EQUIPMENT consisting of: King Buck Technology, Model MMC-5a, catalytic oxidizer, 100 cfm 5hp positive displacement blower, with 9 kW, 240 v, 38 A electric preheater; operating temperature, 650 - 950 degrees F; effluent discharge temperature, 450 - 550 degrees F.; with 95% - 98% VOC destruction efficiency; and 99% Benzene destruction efficiency.

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 District shall be notified by the owner/operator, o/o, in writing and by telephone a minimum of 10 District working days prior to operation of this equipment at each new location in this District. Included with the notification shall be justified estimates of TPH, MTBE (if applicable), and BTEX expected at the new location.
3. During operation of this unit at each site, the o/o shall take bag samples at both the inlet and outlet of the combustor/oxidizer. These samples shall be taken monthly and on the first, second and last days of operation at each site. These bag samples shall be analyzed pursuant to USEPA methods 8015 modified and 8020.
4. During operations of this unit at each site, the o/o shall monitor both the inlet and outlet of the combustor/oxidizer with an FID (or equivalent) monthly and for the first 8 consecutive hours of the first day and 8 hours of the second day of operation and the last days of operation. Included with the monitoring shall be the flow rate in SCFM to the combustor.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4959

SCC: N/A

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

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

6. Items required to be logged are as follow:

- a. Reduced pressure value, in w.g., if this may yield flow rate to combustor/oxidizer;
- b. Flow rate of the vacuum pump, SCFM;
- c. Temperature of the combustor/oxidizer;
- d. All items in 3-6 above and with the same frequency in 4 above.

7. Where determinations and/or logs are required in any of the above conditions, this District shall have final approval on the selected format of reporting. All logs shall be kept current, on-site for the duration of the project and provided to District personnel on request. At the completion of the use of this unit at any site, the o/o shall cap off all well heads and provide all the data delineated above in the form of a summary report within 30 days.

8. If this unit is to remain at a site for longer than 30 days before being moved, all analytical and first, second and last days FID (or equivalent) results shall be forwarded to the District upon receipt and referenced with this permit number.

9. This unit shall not be used on sites which contain contaminants other than TPH and/or BTEX without the prior written approval of the APCO.

10. The emissions of benzene to the atmosphere shall not exceed 0.25 lb/day nor 6.7 lb/year.

11. Prior to January 31 of each new year, the o/o of this unit shall submit to the District a summary report of all VOC emissions (as hexane) and benzene for all sites at which this unit was used. Also included shall be the total gallons of propane used for the year.