



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

C012399

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: NOVEMBER 2019**

**OWNER OF OPERATOR (Co.#2243)**

HydroChemPSC  
5110 Railroad Street  
Deer Park, TX 77536

**EQUIPMENT LOCATION (Fac.#3606)**

HydroChemPSC  
District Wide  
MDAQMD, CA 92392

**Description:**

VAPOR COMBUSTOR, PORTABLE consisting of: Portable degassing unit capturing and treating VOC laden vapor in floating roof storage tanks, pipelines, and barges. Manufactured by John Zink, Model VC203, Serial No. 209032, rated at 10 MMBtu/hr. Stack height 12 feet, diameter 12 inch, exhaust gas temperature 1475 degrees Fahrenheit, flow rate 8655 scfm. Assist gas propane.

**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.
2. This unit shall not operate within 1000 feet of the outer boundary of any K-12 school. Such operation will require the submittal of an application for a revised permit to operate and a 30 day public notification.[H&S Code 42301.6 and District Rule 1302(C)(2)(a)]
3. This system shall achieve a minimum destruction efficiency of 99 percent (by weight) from inlet to atmosphere, or shall not exceed 6 ppmv VOC (as propane) to atmosphere. Verification of destruction efficiency shall be determined through adherence to manufacturers specifications for operation and observance of proper operating temperatures.
4. A temperature measurement and recording device shall be installed and maintained at the combustion chamber. Except for startup and shutdown periods, whenever the vapor control system is operating the temperature at the combustion chamber shall be maintained at or above 1200 degrees Fahrenheit.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4449

SCC: 50400104

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.

HydroChemPSC  
5110 Railroad Street  
Deer Park, TX 77536

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

5. The temperature monitoring device must be calibrated annually, as recommended by the manufacturer if more frequent, or upon a frequency as approved by the MDAQMD on a case-by-case basis. For all sampling events, proof of calibration must be available on site for inspector review and approval.
  
6. The vapor extraction and combustion system shall not be used to treat any halogenated compounds or chlorinated compounds or toxic compounds except benzene, MtBE, ethyl benzene, toluene, and xylenes.
  
7. The vapor extraction and combustion system shall not discharge into the atmosphere any visible air contaminant other than uncombined water vapor for a period or periods aggregating more than three minutes in any one hour which is as dark or darker than Ringelmann No. 1 or equivalent to or greater than 20% opacity. [Rule 401]
  
8. 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. Vapor combustor flow rate, in standard cubic feet per minute;
  - c. Vapor combustor temperature in degrees Fahrenheit; and
  - d. Date, duration, and location of use.
  
9. The District shall be notified a minimum of 10 days prior to each degassing operation in the District.