MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

T011927

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#87)

Commanding Officer, MCLB Barstow, CA
Box 110570 Bldg 196 Attn: Air Program Manager
Barstow, CA 92311-5050

EQUIPMENT LOCATION (Fac.#587)

USMC MCLB - Yermo Annex
USMC Logistics Base
Barstow, CA 923115013

Description:
DIP TANK #4 (CLEAN LINE #2, BLDG 640) consisting of: CLEANING TANK, Oakite 33 (Proprietary Phosphoric Acid blend), Zero VOC Surface area of solution: 31 sq ft (4.3 feet W X 7.2 feet L X 5 feet D) Total operating volume: 929 gallons; Solution Depth 4 feet. Freeboard height 12 inches. Operating temperature: 160 deg F Open tank exhaust rate is 100 cfm/sf, closed tank exhaust rate is 8.3 cfm/sf. Equipped with a push-air system supplying a continuous supply of air across the top of the tank, exhausting through hood at back of tank. Tank cover rolls open/closes automatically upon request by the user, from control panel. Tank heater mfg by Eclipse, natural gas immersion type burner rated at 0.44 MMBtu/hr (below permitting threshold), Model No. IJ-3. Note: As this tank is only authorized to use inorganic compounds, the evaporative VOC emissions from this tank are 0.0 lbs of VOCs per year. Facility Elevation is 1964 ft above MSL.

CONDITIONS:

1. The tank shall be equipped with a air flow collection hood located along the back of the tank.
[District Rule 1302]

2. The air flow collection hood and fan shall be in operation at all times when there is a chemical agent in the tank.
[District Rule 1302]

3. No materials containing VOCs are permitted in this tank. Compliance with this condition shall be verified by the retention of MSDS sheets (or equivalent documentation of chemical content) for every applicable material used at the facility for five (5) years, and provision of said information to District, State or Federal personnel upon request. Alternatively, VOC content may be determined in accordance

Fee Schedule: 5 (a)	Rating: 929 gallons	SIC: 9711	SCC: 40100335	Location/UTM(Km): 512E/3861N

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.

Commanding Officer, MCLB Barstow, CA
Box 110570 Attn: Air Program Manager
Barstow, CA 92311-5050

By: **COPY**
Brad Poiriez
Executive Director

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with South Coast AQMD Method 313 (Determination of Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry) or other alternative test methods with prior written approval by the APCO.
[District Rule 1303(A)]

4. An operator's log must be maintained current and on site which contains, at a minimum, the following information. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District, State or Federal personnel on request.
a. material safety data sheet(s) for chemical(s) stored in the tank,
b. a daily record of all materials added to the tank, including the date, material name, and quantity added (summarized monthly),
c. daily self-inspection checklist,
d. fuel sulfur analysis guarantee from fuel supplier or fuel sulfur analysis in accordance with District approved method.
[District Rule 1303(A)- BACT]

5. The tank heater can only be fired on PUC-Regulated pipeline quality natural gas.
[District Rule 431; District Rule 1303(A)]

6. District Permit units T011924 through T011932 (BLDG 640 Dip Tank Line) shall not exceed the following emission limits, verified by equipment operation in accordance with manufacturer's data and specifications and observing proper operating practices and procedures as specified herein.
// Pollutant // Combustion Emissions (tanks #1 and #2 only, in lb/yr) // Evaporative Emissions (lb/yr)
NOx (30 ppmvd @ 3% O2): // 1456.4 // 0
CO (100 ppmvd @ 3% O2): // 2955.1 // 0
VOC: // 206.5 // 331.0
SOx: // 22.5 // 0
PM10: // 285.3 // 0
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Note: Combustion emissions are from heated Tanks 1 and 2 only, as described in District Permits T011924 and T011925.
[District Rule 1303(A) - BACT for heated process tank; District Rule 1301(UU)]

7. The owner/operator surrendered the following valid Emission Reduction Credits (ERCs) prior to the construction of the Dip Tanks described in District Permits T011924 through T011932:
NOx (offset ratio of 1.3:1): 1893
VOC (offset ratio of 1.3:1): 597
PM10 (offset ratio of 1.0:1): 285
Furthermore, this project used 78 lbs of VOC simultaneous emissions reductions associated with District Permit T003095 process rate reductions. District Permit T003095 was canceled effective 10/07/2015.
[District Rule 1303(B)]

8. 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.
[Rule 107(b), HSC 39607 and 44341-44342, 40 CFR 51, Subpart A]