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

RENEWAL

T011928

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 #5 (CLEAN LINE #2, BLDG 640) consisting of: PAINT STRIP, Gardostrip Q7900A (sodium lauryl sulfate blend) 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: 180 deg F Open tank exhaust rate is 8.3 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 0.83 MMBtu/hr (below permitting threshold), Model No. IJ-4. Facility Elevation is 1964 ft above MSL.

CONDITIONS:

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

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

3. The tank must have a Freeboard Height of at least six (6) inches while the item(s) are submerged. The Freeboard Height is the vertical distance from the top of the liquid to the top of the tank.
[District Rule 1104(C)(1)(c)]

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.

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Box 110570 Attn: Air Program Manager
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By: **COPY**
Brad Poiriez
Executive Director

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4. Solvent carry-out shall be minimized by the following methods;
a. The hoist speed must be slow enough to prevent solvent vapors from being pushed and/or pulled out of the tank. The speed of the existing hoist must not exceed 11.2 feet per minute;
b. Rack workload arranged to promote complete drainage;
c. Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
[District Rule 1104(C)(2)(vi)]

5. This batch-loaded tank can only use chemicals/solvents identified in the above description and in a non-agitated manner.
[District Rule 1104]

6. This dip tank must be covered at all times when containing a chemical agent except when parts are being loaded, unloaded, or while suspended and draining into the dip tank.
[District Rule 1104(C)]

7. Owner/operator must post in a conspicuous location a label summarizing the applicable operating requirements contained in District Rule (C)(2)(b). In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.
[District Rule 1104(C)(1)(a)]

8. Cleaning solvents (excludes paint strip solvent) shall have a VOC content of 25 g/l or less, as used, calculated in accordance with District Rule 1104. VOC content must be determined in accordance 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)]

9. 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. the mix ratio of solvent compounds used,
c. VOC content of solvent or mixture of compounds as used, and date and amount of solvent added (summarized monthly),
d daily self-inspection checklist,
e. fuel sulfur analysis guarantee from fuel supplier or fuel sulfur analysis in accordance with District approved method.
[District Rule 1303(A)- BACT]

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

11. 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)]

12. 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)]

13. 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]