



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

T012298

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: OCTOBER 2026

OWNER OF OPERATOR (Co.#710)

High Tech Etch
17469 Lemon Street
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#3576)

High Tech Etch - 17469 Lemon
17469 Lemon Street
Hesperia, CA 92345

Description:

DIP TANK AND DRYING LINE, ALUMINUM MASKANT consisting of: A custom designed and built dip tank measuring 42" x 72" x 48" deep and normally containing between 470 to 550 gallons of maskant solution kept between 70 degrees Fahrenheit and 90 degrees Fahrenheit. This tank has an integral 5 kW(e) electric heater, a mixer, a pump and filter assembly, and an electric lid opener/closer.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance 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. [District Rules 204 and 1302]
2. Only mechanized dipping or Hand Application methods shall be used in this area unless prior written approval is obtained from the District. [District Rule 1118]
3. This dip tank shall only be used to apply chemical milling maskant to aluminum substrates. [District Rules 204 and 1118]

Fee Schedule: 5 (a)

Rating: 550 gallons

SIC: 3479

SCC: 30901501

Location/UTM(Km):
473E/3812N

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.

High Tech Etch
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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

4. The facility shall use no more than 1,500 gallons of maskant per day (midnight to Midnight).
[District Rules 204 and 1303]

5. The owner/operator shall maintain current and on-site for a minimum of three (3) years a daily operational log (for each day the equipment is in operation). This daily log shall be provided to District, State or Federal personnel upon request and shall include, at a minimum, the following information:

- a. Type and amount (in pounds or gallons) of maskant (AC 818-O-30 or equivalent), solvent (Parachlorobenzotrifluoride), surface preparation solution, etc. used; and
- b. Description of all repairs made to the tank, tank heater, mixer, or pump and filter assembly.

[District Rules 204 and 1118]

6. The parts being dipped into this tank shall be lowered at a slow enough rate to prevent any maskant splashing out of the tank. Furthermore, the tank shall have a minimum freeboard of 6 inches at all times.

[District Rule 1302]

7. After being dipped in this tank, all parts shall be suspended above the tank until no maskant solution is observed dripping back into the tank.

[District Rules 204 and 1118]

8. This tank shall be fully covered whenever it is not being actively used.

[District Rules 204 and 1302]

9. All containers of maskant, solvent, and surface preparation solution shall be sealed with tight-fitting covers when not in use.

[District Rules 442 and 1118]

10. 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.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]