



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

T012287

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:

CHEMICAL MILLING TANK (TANK #8) consisting of: A stainless steel dip tank measuring 240 inches x 48 inches x 72 inches and holding approximately 4,463 gallons of aluminum etchant solution consisting of 14% Sodium Hydroxide, 4% Sodium Sulfide, and 2% Triethanolamine in water (w/w). It is vented through Scrubber # F103-84 as described in District Permit C012289, which generates 30,000 ACFM through a 26 foot tall, 36 inch diameter stack.

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 Rule 204]
2. This tank shall not be operated unless it is properly vented to the atmosphere through Scrubber #F103-84 as described in District Permit C012289. [District Rules 1302 and 1320]
3. This tank shall only be used to chemically mill Aluminum metal and shall not be heated above 225 degrees Fahrenheit. [District Rules 1302, 1303, and 1320]

Fee Schedule: 5 (a)

Rating: 4463 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
17469 Lemon Street
Hesperia, CA 92345

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

4. This tank shall be fully covered whenever it is not being actively used.
[District Rule 204]

5. All parts dipped in this etchant tank shall be thoroughly rinsed with water in Rinse Tank #7 prior to being dipped into the Desmutting tank (Tank #6).
[District Rules 204 and 1320]

Note: Rinse Tank #7 does not require a District permit.

6. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:

- a. Date of each use and hours of chemical milling time for each milling session;
- b. Temperature at end of each milling session; and
- c. Date and quantity of all chemicals added to this tank.

[District Rules 204 and 1302]

7. 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]