



## 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

C012289

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:**

WET SCRUBBER, ALUMINUM CHEMICAL MILLING consisting of: A model F103-84S fume scrubber equipped with a self-contained recirculation system manufactured by Duall Air and Water Technologies, Inc. Maximum air flow is 30,000 ACFM, driven by a 5 bhp induced draft fan and exhausted through a 26 foot high by 36 inch diameter stack. This scrubber neutralizes fumes from Chemical Milling Tanks #8 and #9, described in District permits T012287 and T012288.

#### **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 Air Pollution Control Device shall be properly operating whenever aluminum is being etched in either Etchant Tank #8 or Etchant Tank #9. [District Rules 1302, 1303, and 1320]

Fee Schedule: 7 (h)

Rating: 1 device

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**  
**Brad Poiriez**  
Executive Director

3. 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 each use;
- b. Date and quantity of all chemicals added to this scrubber; and
- c. Log of all repairs made to this equipment.

[District Rules 204 and 1302]

4. The owner/operator shall maintain the pH of the scrubber solution between 7.0 and 9.0 at all times.

[District Rules 204 and 1302]

5. The owner/operator shall add no more than one gallon of 67% H<sub>2</sub>SO<sub>4</sub> (weight/weight) to this scrubber in any one calendar day, averaged over a 30 day running period.

[District Rule 1302]

6. 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]