



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B011776

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: MARCH 2022**

### **OWNER OF OPERATOR (Co.#2087)**

Exquadrum, Inc.  
13313 Sabre Blvd., Suite 1  
Victorville, CA 92394

### **EQUIPMENT LOCATION (Fac.#3428)**

Exquadrum - Adelanto  
12130 Rancho Rd.  
Adelanto, CA 92301

#### **Description:**

PROPELLANT AND ENERGETICS MIX LAB AND TEST FACILITY consisting of: Test Buildings (as defined below). TF-01 (HADES I): 15' L X 15' W X 10' H; 3/16" thick steel box, roof has steel grating. TF-03 (ARTT): 4' L X 4' W X 4' H; 1/4" thick steel box, solid top, east side open. TF-05 (HADES III): 25' L X 25' W X 10' H; 12" thick reinforced concrete building. 16" diameter vent in roof, 60" relief valve in roof. TF-06 (COPPER): 40' L X 9' W X 9' H; Shipping container, north side open to vent w/ grating. TF-07 (STYX): 6' L X 4' W X 4' H; 1/4" thick steel box with hinged doors lined with gypsum. Building PES-02- Mix Lab The Oxidizer Processing Lab is used to dispense, grind, and sieve solid particle oxidizers when necessary. The solid particle grinder is an enclosed puck mill grinder. Removal of solid particles from grinder will vent via a laboratory type fume hood to the Donaldson Torit dust collector (District Permit C011777).

#### **CONDITIONS:**

1. Emissions of HCL from the combustion of propellant/energetics shall not exceed the following limits, based on an HCL emission factor of 63.5 grams HCL/lb of propellant/energetic;  
Hourly: 42 lbs (based on 300 lb propellant)  
Annual: 4209 lbs (based on 300 lb propellant or energetic/day x 100 day/yr)  
[District Rule 1320]

2. This facility shall not use greater than 30,000 pounds of propellant/energetic in any year (consecutive 12 month period). [District Rule 1320]

3. Visible emissions from this equipment shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor. [MDAQMD Rule 401]

4. The owner/operator (o/o) shall maintain current operational logs onsite for two (2) years. Such operational logs shall be provided to

Fee Schedule: 7 (h)      Rating: 1 device      SIC: 8733      SCC: 20400201      Location/UTM(Km): 473E/3956N

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.

Exquadrum, Inc.  
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By: **COPY**  
**Brad Poiriez**  
Air Pollution Control Officer

District personnel upon request, and shall contain at least the following information:

- a. Type, date and time of each test;
- b. Amounts (pounds) and types of propellants/energetics used in each test; and
- c. Hourly and annual (12 month) summary of HCl emissions from tests. District approved emission factors must be used in emission calculations.

5. When in use the solid particle grinder associated with this facility must be sealed and when emptied exhaust only to a proper functioning air pollution control device with valid District Permit C011777.