



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B012494

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.#3474)**

Exquadrum - MDAQMD  
Various Locations  
MDAQMD, CA 92392

**Description:**

PROPELLANT AND ENERGETICS TEST FACILITY, PORTABLE consisting of: TF-01 : A-PAD. Constructed or reinforced concrete measuring 30' x 25'. TF-02 : B-PAD. 15' L X 15' W X 10' H; 3/8" thick steel box equipped with one 24" vent and two 36' relief valves. Type II Magazine Oxidizer Storage Building Control Room (powered by a portable generator <50 bhp) Energetic Equipment Storage

**CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer 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.
2. 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. [Rule 401]
3. The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not limited to Rules 401, 402, 403 and 430.
4. 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: 21.05 lbs (based 150 lb propellant/energetic per test)  
Annual (12 month summary): 4,760 lbs  
[Rule 1320]

Fee Schedule: 7 (i)	Rating: 1 device	SIC: 8733	SCC: 20400201	Location/UTM(Km): 459E/3826N
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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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By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

5. The owner/operator shall limit the amount of propellant/energetic used to less than 150 pounds per day and 34,000 pounds in any one year (rolling 12 month summary).

6. The owner/operator (o/o) shall maintain an operational log onsite or at a central location and shall provide to District personnel upon request. The log for a minimum of two (2) years. The operational logs shall be provided to District personnel upon request, and shall contain at least the following information:

- a. Type of test and date and time of each test,
- b. Amount (pounds) and type of propellant/energetic used in each test, and
- c. Monthly summary of amount of propellant/energetic used and HCL emissions.

7. This equipment shall not be located within 1000 feet of a K-12 school. [CH&SC 42301.6]

8. This unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 1301. [Rule 1301]

9. This equipment shall not be operated within 330 feet of a sensitive receptor including, but not limited to, hospitals, schools, daycare centers, worksites, and residences. [Rule 1320]

10. O/o shall notify the District Compliance Division at least 10 days prior to relocation of this facility.

11. 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]