



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

C014532

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: MARCH 2027

OWNER OF OPERATOR (Co.#2087)

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

EQUIPMENT LOCATION (Fac.#4205)

Exquadrum - Victorville
13490 Forge Street
Victorville, CA 92392

Description:

DUST COLLECTOR, PORTABLE FUME HOOD consisting of: A fume hood ducted to a Donaldson Torit, Model No. DFO2-2, Serial No. 2629207, pulse jet type, 3 hp fan motor, 1700 cfm, 2 Ultra-Web cartridge filters (99.99 % control of particles of 0.5 microns and greater) having 380 sq. ft. filter area with an air to cloth ratio of 4.47:1.

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 1302]
2. A manometer shall be installed to indicate the pressure differential across the filters. Furthermore, the pressure differential shall be maintained in a range specified by the manufacturer and provided to the District. [District Rules 1302 and 1303]
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. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public. No visible emissions shall extend beyond the property line of the emission source.

Fee Schedule: 7 (a)

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**
Eldon Heaston
Air Pollution Control Officer

[District Rules 401, 402, 403, and 1302]

4. The owner/operator shall maintain, on-site, a minimum inventory of replacement filters to assure compliance with these conditions.
[District Rules 1302 and 1303]

5. Dust/particulates collected in this equipment shall be discharged only into closed containers.
[District Rule 1302 and 1303]

6. A manometer shall be installed to indicate the pressure differential across the filters. Furthermore, the pressure differential shall be maintained between 0.1 and 3.0 inches of water column during operation.
[District Rules 1302 and 1303]

7. The owner/operator shall conduct annual inspections of the cartridge filters, the filter suspension system, the enclosure seals, and the pulsing system to ensure there are no leaks and that the pulsing system is functioning properly.
[District Rule 1302]

8. The owner/operator must maintain an operations log for this equipment. This log shall be maintained current, kept for a total of two (2) years and be provided to authorized personnel upon request. The log shall contain the following at a minimum:

- a. Pressure differential readings;
- b. Date and Results of the annual filter and filter suspension system inspections;
- c. Date of filter replacements;
- d. Date and location of use; and,
- e. Date and nature of any maintenance and malfunctions/breakdowns.

[District Rules 401, 430, and 1302]

9. This dust collector shall be fully functional and operating whenever the solid particle grinder associated with District Permit B014531 is in operation.
[District Rules 1302, 1303 and 1320]

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]