



**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**

C015276

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:**

CABINET DUST COLLECTOR consisting of: System employed in the collection of Particulate Matter (PM) generated from Mazak Quick Turn Nexus 200 CNC Lathe for graphite materials. This PM collection system is composed of: One (1) Donaldson Torit cabinet dust collection unit, Model No. 64, Serial No. M2675, powered by a 3/4 hp fan motor with an air flow rate of 500 cfm. Equipment dimensions of 22.4" x 26.6" x 32.9", equipped with twenty-three (23) plate filters, each measuring 18" x 9" x 5".

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

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 8733

SCC: 30903004

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.

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

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

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

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

6. 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. Date and Results of the annual filter and filter suspension system inspections;
- b. Date of filter replacements;
- c. Date and nature of any maintenance and malfunctions/breakdowns.

[District Rules 401, 430, and 1302]

7. This dust collector shall only be used to capture graphite dust.  
[District Rules 1302, 1303 and 1320]

8. This dust collector shall be fully functional and operating whenever Mazak Quick Turn Nexus 200 CNC Lathe is being operated.  
[District Rules 1302, 1303 and 1320]

9. 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]