



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

C015027

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: FEBRUARY 2027

OWNER OF OPERATOR (Co.#2742)

Madison Industries, Inc.
2961 West MacArthur Blvd., Suite 211
Santa Ana, CA 92704

EQUIPMENT LOCATION (Fac.#4446)

Madison Industries, Inc.
17151 Darwin Avenue
Hesperia, CA 92345

Description:

MACHINING/GRINDING/SANDING DUST COLLECTION SYSTEM, METAL FABRICATION consisting of: System employed in the collection of Particulate Matter (PM) generated from cutting, machining, grinding, sanding and other mechanical finishing operations on various types of structural steel. This PM collection system is composed of: One (1) Oneida Air Systems direct drive cyclonic dust collection unit, model no. XXK070323-220-155, powered by a 7.5 hp motor. Equipment dimensions of 8.5' x 3', equipped with a quantity of 2 external polyester cartridge filters and one (1) 55-gallon removable dust collection bin. Please note: This dust collection unit is solely for the machining/grinding/sanding operations, and is not used as a control device for the welding operations occurring at this facility.

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(s) for this permit.
[District Rule 204; 40 CFR 63.11516(b)(2) and (c)(2)(ii)]
2. When particulate matter generating machining operations controlled by this permit unit are in process, this dust collection system must be operated concurrently.
[District Rules 1303 and 1320; 40 CFR 63.11516(b)(1) and (c)(1)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3499

SCC: 30903004

Location/UTM(Km):
473E/3814N

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.

Madison Industries, Inc.
17201 Darwin Avenue
Hesperia, CA 92345

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

3. This dust collection system shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent opacity for a period or periods aggregating more than three minutes in any one hour.

[District Rule 401]

4. This dust collection system must be equipped with HEPA filters, with a minimum initial particle removal efficiency of 99.98%, for the particle size range of 2.5 - 10 microns. The o/o shall maintain on-site a minimum inventory of replacement filters that assures compliance with these conditions.

[District Rule 1320]

5. In the event of a malfunction of any portion of this control equipment, all machining/grinding/sanding operations must be shut down as soon as safely possible and shall not be restarted until all malfunctions have been corrected. Equipment breakdowns shall be reported to the District in accordance with District Rule 430.

[District Rules 430 and 1302]

6. The owner/operator shall maintain a current operations log for this equipment on-site (or at a central location) for a minimum of five (5) 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. Monthly operational logs, including total monthly hours of operation;
- b. Date of bag/filter replacements;
- c. Annual inspection of integrity of dust collection unit, including hatches, seals and filters, date and result.
- d. Records of repairs/maintenance performed on any portion of this collection system; and,
- e. Records of malfunctions, including dates and durations, a description of each malfunction, and the corrective action taken for each malfunction.

[District Rule 1303]

7. Planned maintenance on this control equipment shall only be performed during periods when particulate matter emission points of generation being controlled by this collection system are not in operation.

[District Rule 1320]

8. 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; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]