



## 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 2026**

#### **OWNER OF OPERATOR (Co. #2742)**

Madison Industries, Inc.  
18000 Studebaker Road, Suite 305  
Cerritos, CA 90703

#### **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)]

3. This dust collection system shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent

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**

**Brad Poiriez**

Air Pollution Control Officer

opacity for a period or periods aggregating more than three minutes in any one hour.  
[District Rule 401]

4.The owner/operator shall install, calibrate (if applicable), and maintain a differential pressure gauge to monitor pressure drop across the dust collection unit. The monitoring device that requires calibration shall be calibrated at least annually in accordance with the manufacturer's specifications and shall be accurate to within a range of  $\pm 0.5$  inch water gauge pressure ( $\pm 125$  pascals) or a span of  $\pm 3$  percent. The monitoring device that only requires to be zeroed shall be zeroed at least once a week. Furthermore, the filter media differential pressure shall be maintained within the manufacturer's defined range. Filters shall be replaced whenever the pressure drop across the filter media no longer meets the manufacturer recommended operating range.

[District Rule 1303(A)]

5.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]

6.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]

7.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. Monthly records of pressure drop reading, including date and value;
- c. Date of bag/filter replacements;
- d. Annual inspection of integrity of dust collection unit, including hatches, seals and filters, date and result.
- e. Records of repairs/maintenance performed on any portion of this collection system;
- f. Records of malfunctions, including dates and durations, a description of each malfunction, and the corrective action taken for each malfunction; and,
- g. Records of the calibration of all monitoring devices (if applicable).

[District Rule 1303]

8.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]

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; 17 CCR 93400-93410; and 40 CFR 51, Subpart A]