



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

A015397

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:

SHOT BLAST PLANT AND DUST EXTRACTION SYSTEM, METAL FABRICATION consisting of: Ocean Machinery Ocean Blaster shot blast plant with abrasive recycling system and integrated dust extraction unit employed in the surface preparation of various types of structural steel. This plant is composed of: One (1) shot blast cabinet, with four 10 hp direct drive turbine blast wheels equipped with abrasive flow-control units and a high velocity abrasive blow-off unit; One (1) abrasive recycling system, with collection hopper, screw conveyor, bucket elevators, air wash separator and drop-out box; One (1) integrated dust extraction unit, powered by a 7.5 hp motor and equipped with a a quantity of 12 polyester conical filters and a removeable dust collection bin. Plant dimensions of 13' x 23' x 14'.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. 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 204; 40 CFR 63.11516(a)(2)(ii)(A) and (a)(2)(ii)(C)]

2. This facility shall comply with District Rules 401 and 402, which correspond to Visible Emissions and Nuisance, respectively.

[District Rules 401 and 402]

Fee Schedule: 1 (a)

Rating: 40 bhp

SIC: 3499

SCC: 30900207

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. When particulate matter generating machining operations controlled by this permit unit are in process, the integrated dust collection system must be operated concurrently.
[District Rules 1303 and 1320; 40 CFR 63.11516(a)(2)(i) and (a)(2)(ii)(A)]
4. This equipment 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]
5. Blasting may only occur within this permitted enclosed system. No unconfined outdoor blasting is to be performed without securing permits for unconfined open abrasive blasting.
[District Rule 204; 17 CCR 92000; 40 CFR 63.11516(b)]
6. This blasting plant must be equipped with tight fitting seals around all openings, doors, windows, seams, etc. so as to prevent the escape of particulate matter into the ambient air while in use.
[District Rule 204; 40 CFR 63.11516(a)(2)(ii)(B)]
7. The dust collector integral to this system shall be equipped with a device capable of monitoring pressure differential across the filters. The gauge shall be maintained and in operation when the abrasive blasting is occurring within the enclosure and will be marked with the operating pressure range as set forth by the manufacturer.
[District Rule 204]
8. This abrasive blasting equipment may be operated outside of a permanent building, as the following conditions are met:
- Steel or iron shot/grit is used exclusively; and,
 - The item to be blasted exceeds eight (8) feet in any dimension.
- [Title 17 CCR 92500(b)]
9. The owner/operator shall maintain a log which contains at a minimum the following information. The log shall be maintained current, on-site for a minimum of two years and provided to District, State or Federal personnel on request.
- Type of abrasive blast material used;
 - Records of all repairs/maintenance performed on this blast plant plant, including dates of filter/cartridge replacement for the integral dust collector;
 - Records of malfunctions/alarms, including dates and durations, a description of each malfunction/alarm, and the corrective action taken for each malfunction/alarm, as required in condition 9; and,
 - Date and duration (in hours) of use (summarized annually).
- [District Rule 1302; 17 CCR 92000]
10. In the event of a malfunction/alarm of the dust collection equipment, this blast plant must be shut down as soon as safely possible and shall not be restarted until all malfunctions/alarms have been corrected. Equipment breakdowns shall be reported to the District in accordance with District Rule 430.
[District Rules 430 and 480]
11. If the compressor used to supply air to this equipment is powered by an internal combustion engine greater than, or equal to, 50 brake-horsepower, the engine must have a valid District permit. Alternatively, the compressor power may be supplied by electrical grid.
[District Rule 201 and 219]
12. A facility wide Comprehensive Emission Inventory Report (CEIR) 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]