



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

P015028

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:

SPRAY GUN, PORTABLE consisting of: A Graco Magnum Pro X7 airless portable paint sprayer with a maximum spray application rate of 0.34 gallons per minute at a maximum working pressure of 3000 psi.

CONDITIONS:

1. This spray gun and associated equipment shall only be operated and maintained in strict accordance with manufacturer's/supplier's recommendations and/or sound engineering principles which produce the minimum emissions of contaminants. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[District Rule 204]

2. All coatings, diluents, thinners, solvents, application methods, and record keeping, shall comply with District Rules 442, 1115, 1303 and 1320 in their entirety. These rules pertain to Usage of Solvents, Metal Parts & Products Coatings Operations, New Source Review Requirements, and New Source Review for Toxic Air Contaminants, respectively.

[District Rule 1302(C)(2)(a)]

3. All spray-applied coatings must be applied with the following technologies:

- a. High volume, low pressure (HVLP) spray gun;
- b. Electrostatic application;

Fee Schedule: 7 (c)

Rating: 1 device

SIC: 3499

SCC: 40202510

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

- c. Airless spray gun;
 - d. Air-assisted spray gun (for touch-up and repair only; and/or,
 - e. Non-spray applications may also be used to apply coatings including dip-coat, flow-coat, roll coater, hand application methods, exempted hand-held aerosols, and touch-up methods.
 - f. An equivalent that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of these spray gun technologies listed, and has written approval from the District.
- [District Rule 1115]

4. The owner/operator shall carry out all surface preparation and cleaning operations in accordance with the following:
- a. Shall not use VOC-containing compound(s) unless:
 - i. The material contains 25 grams or less of VOC per liter of material (0.21 pounds per gallon); or
 - ii. The material has an initial boiling point of 190 degrees Celsius (374 degrees Fahrenheit) or greater; or
 - iii. The material has a total VOC vapor pressure of 8 mm Hg or less, at 20 degrees Celsius (68 degrees Fahrenheit);
 - b. Shall not use a stripper on metal parts and products unless the material contains 200 grams or less of VOC per liter of material;
 - c. Shall use closed, non-absorbent containers for the storage or disposal of any applicator (including brushes, swabs, cloth or paper) used for solvent Surface Preparation and Cleaning Operations;
 - d. Shall utilize vapor tight and closed containers or pipes to store and convey fresh or spent solvent;
 - e. Shall not use VOC-containing materials for cleaning operations of spray equipment, unless an enclosed system is used. Spray application equipment shall be disassembled and enclosed during washing, rinsing and draining procedures. All spray gun equipment or equipment parts shall be drained to the enclosed container until dripping ceases;
 - f. All spills of VOC-containing cleaning and cleaning waste materials must be minimized; and
 - g. VOC-emissions must be minimized during cleaning operations.
- [District Rule 1115]

5. Total Volatile Organic Compound (VOC) and Particulate Matter (PM) emissions from this equipment shall not exceed 24.9 lb/day. To ensure that emissions remain below these limits, the total quantity of primer used in this portable spray gun shall not exceed 1,750 gallons per year.
- [District Rule 1303 - New Source Review Requirements]

6. The owner/operator shall maintain an operational log for this equipment, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District, State or Federal personnel upon request:

- a. A daily basis record of the coatings used (and mix ratio of components used in the coating, if applicable) and the quantity of each coating applied;
 - b. A current listing of all coatings materials in use at this facility. This listing shall include:
 - i. Coating, catalyst, and reducer used;
 - ii. Mix ratio of components used;
 - iii. VOC content of coating as applied; and
 - iv. Current coating Safety Data Sheets (SDS) shall be available for review on site.
 - c. A daily basis record showing the type and amount of Solvent and Stripper used for cleanup, surface preparation, and paint removal; and,
 - d. The annual VOC emissions, calculated on a calendar month basis and totaled for each twelve-month rolling average.
- [District Rule 1115]

7. The primer used within this equipment must not have a VOC content of greater than 2.3 lb/gallon. The ethylene glycol monobutyl ether content within this primer must not exceed 10% by weight. The butanol content within this primer must not exceed 5% by weight. Additionally, the primer must not contain any additional toxic compounds, other than ethylene glycol monobutyl ether and butanol, listed within Appendix A-I of the Emission Inventory Criteria and Guidelines (EICG) Report (incorporated by reference in 17 CCR 93300.5).
- [District Rule 1320]

8. This facility shall not spray apply coatings to metal or plastic surfaces that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd); nor, conduct any paint stripping operations on any substrate that use methylene chloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD if this facility will use coatings containing the above toxic metal(s) and/or MeCl for additional permits requirements.
- [40 CFR 63, Subpart HHHHHH and 40 CFR 63, Subpart XXXXXX]

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]