



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

B013175

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JUNE 2026

OWNER OF OPERATOR (Co.#2454)

Ray Joye Machine and Fabrication, Inc.
13059 Aerospace Drive
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#3849)

Ray Joye Machine and Fabrication, Inc.
13059 Aerospace Drive
Victorville, CA 92394

Description:

PLASMA CUTTER consisting of: Model Hypertherm Powermax 85, Serial Number 85-012866. Fume is controlled by a Weller Zero Smog fume extractor.

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 1302(C)(2)(a)]

2. When plasma cutting is occurring, the fume extraction system must be operated concurrently.

[District Rules 1303 and 1320]

3. This equipment is only permitted to cut the following metals:

- a. Carbon Steel;
- b. Mild Steel; or,
- c. Stainless Steel.

Fee Schedule: 3 (a)

Rating: 15.2 kVA

SIC: 7692

SCC: 30905900

Location/UTM(Km):
465E/3826N

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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13059 Aerospace Drive
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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

The owner/operator must contact the MDAQMD prior to cutting any other type of metal with this equipment as changing the approved metal types requires the submission of a MDAQMD permit application and may require a Health Risk Assessment.
[District Rule 1320]

4. This equipment is subject to the following limitations:

Stainless Steel:

a. No more than 750,000 inches per year.

Mild/Carbon Steel:

a. No more than 1,000,000 linear inches per year.

Any proposed throughput increase will require the submission of an application to modify the permit, and will require the preparation of a Health Risk Assessment (HRA). In addition, public notice, additional equipment restrictions, and/or a commenting period may be required.

[District Rules 1320 and 1520]

5. An operation log shall be maintained on-site for at least two (2) years and be made available to District personnel on request. This log shall contain, as a minimum:

a. Each date this equipment is operated;

b. The type of material being cut during each operation;

c. The linear inches of steel cut during each operation; and,

d. Documentation that demonstrates the metal cut is compliant with condition 3 (i.e. SDS, purchase records, supplier records, part description, etc.)

[District Rules 204 and 1302]

6. 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]