



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

B014212

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: AUGUST 2025

OWNER OF OPERATOR (Co. #342)

Smith Ironworks
17671 Bear Valley Road
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac. #1004)

Endura Steel, Inc
17671 Bear Valley Road
Hesperia, CA 92345

Description:

PLASMA CUTTING TABLE consisting of: Arc Industries Arc CutPro 20 Model # TBD Cutting Table equipped with Hypertherm XPR300 plasma cutter rated at 6,600 watts.

CONDITIONS:

1. This equipment shall be operated and maintained in strict accord 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 for this permit.

[District Rule 204]

1. This equipment shall be operated and maintained in strict accord 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 for this permit.

[District Rule 204]

2. The owner/operator shall not use the plasma cutter unless it is performed over a properly maintained and functioning water cutting table.

[District Rule 1320]

2. The owner/operator shall not use the plasma cutter unless it is performed over a properly maintained and functioning water cutting

Fee Schedule: 3 (b)

Rating: 66.5kVA

SIC: 3441

SCC: 30905900

Location/UTM(Km): 475E/3815N

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.

Smith Ironworks
17671 Bear Valley Road
Hesperia, CA 92345

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

table.
[District Rule 1320]

3.The owner/operator shall use the plasma cutter unless the water cutting table contains sufficient water to minimize fugitive emissions from the plasma cutting process.
[District Rule 1320]

3.The owner/operator shall use the plasma cutter unless the water cutting table contains sufficient water to minimize fugitive emissions from the plasma cutting process.
[District Rule 1320]

4.Visible emissions from this facility shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
[District Rule 401]

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[District Rule 401]

5.The owner/operator may on use the plasma cutter to cut mild steel only. The owner/operator must contact the MDAQMD prior to cutting any other type of metal with this equipment.Type of material cut requires submission of a MDAQMD permit application and may require a Health Risk Assessment.
[District Rule 1320]

5.Cutting of stainless steel is prohibited.
[District Rule 1320]

6.The owner/operator shall limit plasma cutting to 3,650,000 linear inches of mild steel per year.Throughput increase requires submission of a MDAQMD permit application and may require a Health Risk Assessment.
[District Rule 1320]

6.The owner/operator shall limit plasma cutting to 3,650,000 linear inches with a maximum thickness of 0.5" of mild steel in any consecutive twelve month period. Throughput increase requires submission of a MDAQMD permit application and may require a Health Risk Assessment.
[District Rule 1320]

7.Collected materials shall be disposed of in a manner consistent with safety and good air pollution control practices for minimizing emissions.
[District Rule 1320]

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[District Rule 1320]

8.The owner/operator shall maintain a daily operation log, on-site for at least two (2) years, and make available to District personnel on request. This log shall contain, as a minimum:
a. Total cutting time (minutes) each time the plasma cutter is used; and,
b. Total linear inches cut of mild steel per year,
[District Rule 1320]

8.The owner/operator shall maintain a daily operation log, on-site for at least two (2) years, and make available to District personnel on

request. This log shall contain, as a minimum:

- a. SDS for material cut; and
- b. Total cutting time (minutes) each time the plasma cutter is used; and,
- c. Total linear inches cut of mild steel each time the plasma cutter is used; and,
- d. Thickness (inches) of material cut.

[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; and 40 CFR 51, Subpart A]

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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]