



## 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

B014637

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: JUNE 2026

#### OWNER OF OPERATOR (Co. #445)

Northwest Pipe Co  
12351 Rancho Road  
Adelanto, CA 92301

#### EQUIPMENT LOCATION (Fac. #1112)

Northwest Pipe Co  
12351 Rancho Road  
Adelanto, CA 92301

#### Description:

PLASMA CUTTING SYSTEM consisting of: Hypertherm MAXPRO 200 Long-Life Plasma Cutting System.

#### 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]

2. This equipment shall not be operated unless vented to properly maintained and functioning air pollution control equipment with valid District Permit C014638.

[District Rule 1204]

3. 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]

4. The owner/operator shall limit plasma cutting of carbon steel alloys to 3120 hours of operation in any consecutive twelve month period. Cutting of alloys containing chromium and/or nickel in concentrations exceeding one (1) percent by weight, and alloys containing manganese exceeding 2.5 percent, is prohibited. The maximum thickness of metal to be cut by this equipment is 1.5 inches. Any

Fee Schedule: 3 (a)

Rating: 33.67kVA

SIC: 3317

SCC: 30903008

Location/UTM(Km): 465E/3824N

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.

Northwest Pipe Co  
12351 Rancho Road  
Adelanto, CA 92301

By: **COPY**

**Brad Poiriez**

Air Pollution Control Officer

change to these restrictions on hours of operation and/or alloys processed by this equipment requires submission of a MDAQMD permit application and may require a Health Risk Assessment.

[District Rule 1320]

5. Collected materials shall be disposed of in a manner consistent with safety and good air pollution control practices for minimizing emissions.

[District Rule 1320]

6. The owner/operator shall maintain a daily operation log, on-site for at least five (5) years, and make available to District personnel on request. This log shall contain, as a minimum:

- a) Total cutting time (minutes or decimal hours), alloy type, and material thickness each time the plasma cutter is used;
- b) Monthly and consecutive twelve month total hours of operation; and,
- c) Documentation of alloy composition demonstrating compliance with condition 4 for metal processed by this equipment.

[District Rule 1320]

7. This facility has elected to voluntarily limit its emissions to the extent that this facility is no longer subject to the provisions of Regulation XII - Federal Operating Permits [District Rule 221(B)]. As such, the facility-wide emissions must be less than the following limitations in each consecutive twelve-month period:

- a) 80 tons per year of Carbon Monoxide (CO) per calendar year;
- b) 20 tons per year of Oxides of Nitrogen (NO<sub>x</sub>) per calendar year;
- c) 25 tons per year of Volatile Organic Compounds (VOC) per each consecutive twelve-month period (synthetic minor designation);
- d) 80 tons per year of Particulate Matter of 10 microns or less (PM<sub>10</sub>) per calendar year;
- e) 20 tons per year of Oxides of Sulfur (SO<sub>x</sub>) per calendar year;
- f) 8 tons per year of any single Hazardous Air Pollutant (HAP) per calendar year; and,
- g) 20 tons per year of any combination of HAP per calendar year.

Compliance with these emission limitations must be verified by pollutant-specific emission summaries for each calendar year except for VOC which must be verified for each consecutive twelve-month period. These emission summaries must be retained on-site for a minimum period of five (5) years; and, must be made available for review upon request by District, State or Federal personnel.

[District Rules 221(B) and 1201(S)]

In addition, this facility is designated as a Major Source of PM<sub>10</sub> under Regulation XIII - New Source Review, as it has a Potential to Emit in an amount equal to or greater than 15 tons per year of PM<sub>10</sub>; therefore, any new Permit Unit or any Modified Permit Unit at this facility must be fully offset pursuant to District Rule 1303(B).

[District Rules 1301(II) and 1303(B)]

8. 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]