



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

B011875

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. #445)

Northwest Pipe Co
12351 Rancho Road
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac. #1112)

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12351 Rancho Road
Adelanto, CA 92301

Description:

PLASMA CUTTING TABLE consisting of: a Hypertherm HPR400XD plasma cutter set up on a table for cutting steel plate with a single torch. Collected fumes will vent via a downdraft collector to an attached air pollution control device. Process current ranges from 30-400 amperes at 480 volt service voltage, maximum 96 kVA.

CONDITIONS:

1. This equipment shall not be operated unless only vented to properly maintained and functioning air pollution control equipment with valid District Permit C011876.
[District Rule 204]
2. This equipment is not to be used to cut stainless steel material (steel alloy greater than 10.5% chromium by weight).
[District Rule 1320]
3. Owner/operator shall maintain a monthly summary of the type(s) of materials cut using this equipment.
[District Rule 1302]

Fee Schedule: 3 (b)

Rating: 96 kVA

SIC: 3317

SCC: 30904020

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.

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By: **COPY**
Brad Poiriez
Executive Director

4. This equipment shall not be operated unless the following areas are stabilized with asphalt, concrete or asphaltic concrete sufficient to eliminate dust emissions from soil erosion: ~4653 sq. ft. of North Side Facing Cylinder/Blast Tape Building Driveway.
[District Rule 1303(B); District Rule 1305(B)(3)(c)]

5. Owner/operator shall provide 0.0075 tons per year (15 lbs/year) of PM10 offsets utilizing area source actual emission reductions (AER) resulting from onsite soil stabilization project at the North Side Facing Cylinder/Blast Tape Building Driveway.
[District Rule 1302(C)(5)]

6. 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 less than the following limitations:

- a) 80 tons per year of Carbon Monoxide (CO) per calendar year;
- b) 20 tons per year of Oxides of Nitrogen (NO_x) 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 (PM10) per calendar year;
- e) 20 tons per year of Oxides of Sulfur (SO_x) 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 PM10 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 PM10; 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)]

7. 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 et seq., and 40 CFR 51, Subpart A]