



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

C011876

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)

Northwest Pipe Co
12351 Rancho Road
Adelanto, CA 92301

Description:

DUST/FUME COLLECTOR, PLASMA CUTTING TABLE consisting of: Messer, Model 3-24 pulse jet type dust collector, having 24 filter cartridges each measuring 13.84" OD x 27" L, 6330 sq ft of filter area, exhausting at 6500 cfm for an air to cloth ratio of 1.02:1.

CONDITIONS:

1. This equipment shall be operated concurrently with the plasma cutting table with valid District Permit B011875.
[District Rule 1303(A)]

2. A pressure differential gauge shall be installed and maintained as part of this equipment so as to indicate, in inches of water column, the static pressure differential across the bags. In operation, the static pressure differential range shall be maintained within 0.5 to 6.0 inches water column (not to exceed 6.0 inches, water column).
[District Rule 204]

3. This equipment shall discharge no more than 0.56 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). Further, emissions of PM10 shall not exceed 15.0 pounds per calendar year (.0017 lb/hr x 8760 hrs) verified by manufacturer guarantee and records of maintenance and monitoring in accordance with condition 5. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
[District Rule 1303(A); District Rule 1303(B), District Rule 404]

Fee Schedule: 7 (h)

Rating: 1 device

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.

Northwest Pipe Co
12351 Rancho Road
Adelanto, CA 92301

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

4.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
[District Rule 403]

5.The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a) Annual inspection of equipment including filter cartridge system, seals and gaskets, and date and name of person(s) performing inspection;
- b) Weekly reading of baghouse pressure drop, date and value;
- c) Date of cartridge replacements; and,
- d) Date and nature of any system repairs.

6.Collected materials shall be discharged into sealed containment only and disposed of in a manner consistent with safety and good air pollution control practices for minimizing emissions.
[District Rule 401]

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 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 (NOx) 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 (SOx) 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)]

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]