



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

A010044

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 2025

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:

INTERNAL PIPE BLASTING (CLEANING) EQUIPMENT consisting of: Selmers Abrasive Blaster, including a 114 hp wheel capable of throwing 1100 pounds of abrasive per minute. Blasting media shall be CARB approved steel shot and/or grit. Equipment located within a building vented to three Donaldson Dust collectors, Model numbers DF04-64, 4DF-80, and TDP 675 operating under District Permits C010045, C010049, and C014639, respectively.

CONDITIONS:

1. This equipment shall be installed, 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. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[District Rule 204]

2. The abrasive blast enclosure (building) shall not be operated unless vented to functioning air pollution control device(s) operating under valid District Permit(s) C010045, C010049 and/or C014639.

[District Rule 401; District Rule 403; District Regulation XIII basis BACT and cumulative increase]

3. The abrasive blast enclosure (building) must be equipped with tight fitting seals around all openings, such as doors, windows, seams, etc., so as to prevent the escape of particulate material to the ambient air while in use.

[District Rules 401, 403; BACT]

Fee Schedule: 1 (b)

Rating: 114 bhp

SIC: 3317

SCC: 30900205

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.This unit shall only use steel shot abrasive media exempt from certification requirements of the California Air Resources Board (CARB).

[District Regulation XIII; basis cumulative increase]

5.Emissions from abrasive blasting operations shall not exceed the following visible emission limits for a period or periods aggregating more than three minutes in any one hour:

a) Blasting operations conducted within a permanent building - 10 percent opacity.

[District Rule 401 and 17 CCR 92200; Note: More stringent limit based on District Rule 1303(B), offsets]

6.This abrasive blasting equipment must be operated such that no visible fugitive dust is visible in the atmosphere beyond the property line of the facility at which this equipment is operating.

[District Rule 403(a)]

7.This Permit Unit shall not blast more than 3,600,591 square feet of pipe in any 12-month consecutive period (limit correlates to 85 pounds of PM10 per year).

[District Rule 1303(B), basis: offsets]

8.A daily operations log for this equipment shall be maintained on-site for at least five (5) years and made available to Federal, State, and/or District personnel upon request. This log shall contain, at a minimum:

a) Date and amount of each pipe blasted (square feet), and hours of each equipment use;

b) Consecutive 12-month total of pipe blasted (square feet); and,

c) Date, type and amount of abrasive added to this equipment, including proof of CARB certification(s).

[District Rules 1302 and 1303(B)]

9.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)]

10.A facility wide Comprehensive Emission Inventory Report (CEIR) 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, and 40 CFR 51, Subpart A]