



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

A011075

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:

ABRASIVE BLASTER, PORTABLE (ABU#06) consisting of: Portable single chamber abrasive blast unit manufactured by Cadillac Products, 3.5-5 gallon (or ~0.5 cu ft) capacity, Model No. QB2 V0002, Serial No. TBD, fed by plant air at maximum 100 psig. Nozzle diameter 1/2 inch O.D.

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.
[District Rule 204]
2. 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]
3. The combined total operating hours of portable abrasive blast units; A010940, A010941, A010942, and A011075, shall not exceed 800 hours per calendar year.
[District Rule 1303 - SERs utilized]

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 3317

SCC: 30900299

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
Air Pollution Control Officer

4.Except as provided in Condition 5, all abrasive blasting operations shall be conducted within a fully enclosed area.
[District Rule 204]

5.An abrasive blasting operation conducted under one or more of the following conditions is not required to be conducted within a fully enclosed area:
a) steel or iron shot/grit is used exclusively;
b) the item to be blasted exceeds 8 feet in any dimension; or
c) the surface being blasted is situated at its permanent location or no further away from its permanent location than is necessary to allow the surface to be blasted.
[17 CCR 92500]

6.This unit shall only use abrasives that have been certified by the California Air Resources Board (CARB) when operated outside of a fully enclosed area.
[17 CCR 92500]

7.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;
Fully enclosed blasting- 20 percent opacity (Ringleman 1).

Open outdoor blasting- 40 percent opacity (Ringleman 2).
[17 CCR 92200]

Note; Visible emission observations shall be conducted in accordance with the requirements set forth in Title 17 CCR 92000-92530.
[District Rule 401 and 17 CCR 92500]

8.The owner/operator shall maintain a log which contains at a minimum the following information. The log shall be maintained current, on-site for a minimum of five years and provided to District, State or Federal personnel on request.
a) type of abrasive blast material used;
b) substrate of item to be blasted;
c) blast nozzle diameter;
d) operating pressure in psi;
e) dimensions of each type of item to be blasted;
f) blasting conditions for each type of item blasted, i.e. fully enclosed, open outdoor;
g) date and duration (in hours) of use; and
h) cumulative hours of operation per calendar year.
[District Rule 204]

9.This facility shall comply with District Rules 401, 402, and 403, which corresponds to Visible Emissions, Nuisance, and Fugitive Dust, respectively.
[District Rule 204]

10.All abrasive blasting operations conducted at this facility shall comply with Title 17 California Code of Regulations sections 92000-92530.
[District Rule 204]

11.This equipment shall not discharge into the atmosphere visible emission that exhibits greater than twenty percent opacity.
[District Rule 401]

12.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)]

13.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]