



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

C014639

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:

DUST COLLECTOR, ABRASIVE MEDIA AIRWASH RECLAIM consisting of: Donaldson-Torit dust collector, Model TDP 675 pulse jet type dust collector, Serial Number 57134162, having 3 filter cartridges, each 12.68 inches diam. x 25.98 inches long, providing 232.5 sq ft for a total of 697.5 sq ft of filter area, with a 5 HP fan exhausting 1300 cfm at 6 inches w.c. static pressure, achieving an average control efficiency of 99.9%.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance 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 dust collector and the dust collectors operating under District Permits C010045 and C010049 must be operating at all times that the Abrasive Blasting equipment covered under Permit A010044 is in operation. [District Rule 204]

Fee Schedule: 7 (h)

Rating: 1 device

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.

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By: **COPY**
Brad Poiriez
Executive Director

3. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the differential pressure drop shall be maintained between 0.5 to 6.0 inches water column.

[District Rule 1303]

4. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator 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) Weekly reading of baghouse pressure drop, date and value;
- b) Monthly baghouse stack observation date and result (using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes of observations) if visible emissions are detected). If no visible emissions are observed for six consecutive months the frequency can be changed to semi-annual. If no emissions are observed semi-annually the frequency can be changed to annually. If any visible emissions are observed frequency reverts to monthly until no visible emissions are observed for six consecutive months;
- c) Annual bag and bag suspension system inspection date and results;
- d) Date of bag replacements (including documentation of control efficiency of filters); and,
- e) Date and nature of any system repairs.

[District Rule 204]

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, as verified by Method 22 and/or Method 9:

- 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. In the event of a stack observation exceedance of condition 5 above, or malfunction of any emissions related part of this baghouse, this equipment and the equipment being controlled, must be shut down as soon as safely possible and shall not be restarted until all malfunctions have been corrected. Equipment breakdowns shall be reported to the District in accordance with District Rule 430.

[District Rule 430]

7. The total emissions of PM10 from all Permit Units serving this system (A010044, C010045, C010049, and C014639) shall not exceed 85 pounds per year. Compliance with this conditions is verified by the throughput limit of 3,600,591 square feet of pipe in any 12-month consecutive period as specified on Permit A010044, condition 7.

[District Rule 1303(A) - basis: BACT and 1303(B) - basis: Offsets]

8. The owner/operator shall maintain an inventory of filter cartridges on-site at all times which will ensure compliance with applicable Rules of District Regulation IV.

[District Rules 401, 402, 403]

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:

- 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 (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]