



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

C010045

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:

DUST COLLECTOR consisting of: FILTER HOUSE FOR INTERNAL BLAST EQUIPMENT, including a Donaldson Torit Model 4DF80 Dust Collector, 162" H X 58" X 85" D equipped with 80 filter cartridges for a total filter area of 18,080 sq ft. Dust Collector is powered by a 100 hp motor with a flow rate of 23,000 cfm. This unit is equipped with filters which meet 99.9% particulates control efficiency at the operating conditions specified in the equipment description.

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. This dust collector and/or the dust collectors operating under District Permits C010049 and C014639 shall be functioning at all times that the Abrasive Blasting equipment covered under Permit A010044 is in operation.

[District Rule 204]

3. The owner/operator (o/o) 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, State, and Federal personnel upon request:

a) Weekly reading of baghouse pressure drop, date and value;

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.

Northwest Pipe Co
12351 Rancho Road
Adelanto, CA 92301

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

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 observations. 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 filter control efficiency); and,

e) Date and nature of any system repairs.

[District Rule 1302]

4.The o/o 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 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 operating under District Permit A010044 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 condition is verified by the throughput limit of 3,600,591 square feet of pipe in any 12-month consecutive period as specified in Permit A010044, condition 7.

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

8.The facility must submit accurate emissions inventory data to the District, in a format approved by 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]

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)]