



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

C011213

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:

PARTICULATE FILTER ASSEMBLIES consisting of: three filter assemblies, each with a 15' X 24" diameter stack flowing at the rate of 7964 CFM @ 1/2" SP and a velocity of 2535 FT/min; Negative air draw system consisting of three 6'4" wide 7'2" tall filter assemblies with 20"X20"X1" filters with a 99.83% particulate removal efficiency, 24" axial fan, 2 HP, resulting in an one building air exchange every 1.8 minutes with 100% particulate capture.

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. This dust collector shall be functioning at all times that the Polyurethane pipe coating equipment covered under Permit B011220 is in operation.
[District Rule 1303]
4. The owner/operator (o/o) shall maintain an inventory of filters on-site at all times to ensure compliance with applicable Rules of District

Fee Schedule: 7 (h) Rating: 1 device SIC: 3317 SCC: 30900198 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

5.The o/o shall log all filter replacements, repairs and non-scheduled maintenance. The log shall be kept current, on-site for a minimum of 5 years and provided to District, State, or Federal personnel on request.
[District Rule 1303]

6.The o/o shall conduct compliance emissions tests relative to Rules 404, 405, and 1303 within 90 days of startup, and effective year 2019, shall be tested at least once every thirty six (36) month period. The o/o shall conduct emissions testing for particulates in strict accord with all procedures described in the District's Compliance Test Procedural Manual, and as outlined in Condition 7 below.

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov
[District Rules 404, 405, and 1303]

7.PM-10 emissions from this device and from equipment permitted as B011220 were offset with simultaneous emission reductions (SERs) using this facility's concrete surface improvement project. To ensure compliance with NSR requirements of regulation XIII the o/o shall demonstrate using source test data that emissions from this device combined with emissions from B011220 are less than 201 lbs of PM-10 per calendar year. PM-10 source testing shall be accomplished using EPA Method 5 (or equivalent method(s) as approved by the District), and moisture quantified using EPA Method 4, during PM sampling.
[District Rule 1303]

8.This equipment shall not operate more than 4992 hours/year; 16 hrs/day, 5 days/week, 52 weeks per year.
[District Rule 1303]

9.This device is permitted through the use of simultaneous emissions reductions (SERs) through emission reductions associated with the concrete paving of three areas, associated with large fork lift operations, as described herein: concrete pad 37'W X 69'L just north of the Cylinder Blast/Tape Building; concrete pad 17'W X 100'L just south of the Coal/Tar Building, and concrete pad 10'W X 50'L just west of the office section of the Horseshoe complex. Therefore, these areas shall be poured and cured prior to commencing operation of this equipment and equipment operating under valid District permit B011220.
[District Rule 1303]

10.Subsequent to concrete project completion, the areas described in condition 9 shall be maintained in good operating condition in a solid configuration free from pot holes and crushed concrete areas.
[District Rule 204]

11.The o/o shall have a continuing program of maintenance/inspections in accordance with manufacturers recommendations and specifications. This program shall include, but limited to:
a) Weekly visual emissions determinations per EPA Method 22 (EPA method 9 upon detection of emissions),
b) Weekly observations of differential pressures across the dust collector, and
c) Inspections/repairs.
These results shall be logged with the log kept current and on site for a minimum of five (5) years and provided to District, State, or Federal personnel on request.
[District Rules 401 and 1303]

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]