



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

C012589

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 #2, TAPE WRAP/BLAST CLEAN PROCESSING LINE consisting of: Manufactured by Donaldson Torit and consisting of a Downflo Oval, Model 2DF8, Serial No. TQ 368239-002. Dust collector consists of: Type: Pulse jet Type filters: Ultra-Web or equivalent cartridges Filter media: Nano-fibers No. of filters: 8 cartridges Filter Area: 906 Sq. Ft Air flow rate: 6,000 CFM Air to cloth ratio: 3.3 to 1 Fan and motor: Fan Diameter tbd; 10 hp Unit serves B003072 grit blast machine and aides in the reclaim of abrasives by improving capture of fine particulate through "airwash" of blasting media.

CONDITIONS:

1. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

[District Rule 204]

2. This equipment shall operate concurrently with B003072.

[District Rule 1303]

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 0.2 to 6.0 inches water column.

[District Rule 1303]

4. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-

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

site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a) Weekly pressure differential recording;
- b) Monthly dust collector stack observation date and result (using USEPA Method 22, and USEPA Method 9 if a Method 22 detects opacity);
- c) Quarterly cartridge and cartridge suspension system inspection date and results;
- d) Date of cartridge replacements; and,
- e) Date and nature of any system repairs.

[District Rule 1303]

5.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.

[District Rule 401]

6.This equipment shall discharge no more than 0.51 pounds per hour of PM10 at a maximum concentration of 0.010 grains/dscf at the operating conditions given in the above description (BACT) and manufacturer guarantee. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rule 1303 - BACT]

7.The o/o shall maintain on-site a minimum inventory of replacement cartridges that assures compliance with these conditions.

[District Rule 1303]

8.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)]

9.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]