



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

T002656

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:

WHEEL LINER SILOS consisting of: Twin-member mortar silos with integrated bin vent system

EQUIPMENT

Capacity	Equipment Description
0	Twin-member mortar silos
6.87	10' diameter x 18'H (8' H cylinder and 10'H sloping conical section) on a 18'H supporting structure
6.87	10' diameter x 18'H (8' H cylinder and 10'H sloping conical section) on a 18'H supporting structure
0	Bin vent
0	Manufacturer: Donaldson Co., Inc., Torit Division
0	Model No.: Torit TD 486
0	Airflow Rate: 500 CFM
0	Filter: Cartridge filters - 9 ea.
0	Filter Area: 486 ft ² total
0	Filter Media: Pleated, non-woven filter media
0	Dust Arrestance: 99.8% (efficiency)
0	Air to cloth ratio: 1.03:1

CONDITIONS:

Fee Schedule: 5 (b) Rating: 13700 gallons SIC: 3317 SCC: 30501115 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

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.These silos shall not be operated unless vented to a properly functioning integral bin vent system.
[District Rule 204]

3.Total amount of cement charged to equipment at this facility shall not exceed 187 ton per day.
[District Rule 204]

4.The o/o shall maintain a daily operating log which contains at least the following information:

- a) hours per day this line operated;
- b) amount in tons of pipe produced by each line;
- c) amount of mortar and/or raw materials used; and,
- d) all maintenance activities.

A copy of the log shall be kept on-site for at least five (5) years and made available to the District upon request by authorized District personnel.

[District Rule 204]

5.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
[District Rule 401]

6.The o/o shall conduct a minimum program of inspection and maintenance on this bin vent. The o/o 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) Monthly dust collector stack observation date and result (using USEPA Method 22, and USEPA Method 9 if Method 22 detects opacity) which must be conducted while the equipment is being charged;
- b) Quarterly bag and bag suspension system inspection date and results;
- c) Weekly reading of dust collector pressure drop, date and value;
- d) Date of bag replacements; and,
- e) Date and nature of any system repairs.

[District Rule 204]

7.This equipment shall discharge no more than 0.04 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). 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 204]

8.This equipment shall be equipped with a device to measure the pressure differential across the bin vent system (manometer).
[District Rule 204]

9.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
[District Rule 204]

10.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)]

11.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]