



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

A015226

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: FEBRUARY 2026

OWNER OF OPERATOR (Co. #100)

Metropolitan Water District of So Calif
158000 MWD Road
Parker Dam, CA 92267

EQUIPMENT LOCATION (Fac. #571)

MWD - Gene Pumping Plant
158000 MWD Road
Parker Dam, CA 92267

Description:

AIR POLLUTION CONTROL EQUIPMENT, ABRASIVE BLAST ENCLOSURE, PORTABLE consisting of: Abrasive blasting conducted inside a portable enclosure that will be vented to one or more permitted air pollution control devices equipped with HEPA filters. The enclosure dimensions vary however typical dimensions of the portable enclosure are approximately 15 ft wide x 20 ft long x 10 ft high.

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 in a manner consistent with good air pollution control practice for minimizing emissions. 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 1302 (C)(2)(a)]

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[District Rule 1302 (C)(2)(a)]

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 4941

SCC: 30900201

Location/UTM(Km): 761E/3798N

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.

Metropolitan Water District of So Calif
P O Box 54153

Los Angeles, CA 90054

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

2.This facility shall comply with District Rules 401, 402, and 403, which correspond to Visible Emissions, Nuisance, and Fugitive Dust, respectively
[District Rule 1302]

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[District Rule 1302]

3.Emissions from abrasive blasting operations shall not exceed 20 percent opacity (Ringelmann 1) for a period or periods aggregating more than three minutes in any one hour.
Note:Visible emission observations shall be conducted in accordance with the requirements set forth in Title 17 CCR 92000-92530.
[17 CCR 92200]

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Note:Visible emission observations shall be conducted in accordance with the requirements set forth in Title 17 CCR 92000-92530.
[17 CCR 92200]

4.Abrasive blasting equipment may only be used within this permitted enclosure. No unconfined outdoor blasting is to be performed without valid permits for unconfined open abrasive blasting.
[District Rule 1302; 17 CCR 92000]

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[District Rule 1302; 17 CCR 92000]

5.This abrasive blasting booth must be equipped with tight fitting seals around all openings, doors, windows, seams, etc. so as to prevent the escape of particulate matter into the ambient air while in use.
[District Rule 1302]

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[District Rule 1302]

6.This abrasive blasting enclosure is required to be vented to permitted air pollution control equipment which is equipped with HEPA filters.
[District Rule 1302]

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[District Rule 1302]

7.The owner/operator shall maintain a log which contains at a minimum the following information. The log shall be maintained current, on-site for a minimum of two years and provided to District, State or Federal personnel on request.
a. type of abrasive blast material used;
b. blast nozzle diameter;
c. operating pressure in units provided by the manufacturer (see condition 6);
d. date and duration (in hours) of use (summarized annually) or monthly total of blast media consumed (summarized annually);
e. The weekly pressure differential readings; and,
f. The maintenance, including dates of filter/cartridge replacement.
[District Rule 1302; 17 CCR 92000]

7.The owner/operator shall maintain a log which contains at a minimum the following information. The log shall be maintained current, on-site for a minimum of two years and provided to District, State or Federal personnel on request.

- a. type of abrasive blast material used;
- b. blast nozzle diameter in inches;
- c. operating pressure in psig;
- d. date and duration (in hours) of use (summarized annually) or monthly total of blast media consumed (summarized annually);
- e. permit number associated with air pollutions control device used pursuant to condition 6.

[District Rule 1302; 17 CCR 92000]

8.If the compressor used to supply air to this equipment is powered by an internal combustion engine greater than, or equal to, 50 brake-horsepower, the engine must have a valid District permit. Alternatively, the compressor power may be supplied by electrical grid.

[District Rule 201 and 219]

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[District Rule 201 and 219]

9.The emissions from this facility shall be less than the following limits:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs on a 12 month calendar year basis.
- b. 12 tons of PM10 per year calculated on a rolling twelve month summary basis.
- c. 20 tons of NOx per year calculated on a rolling twelve month summary basis.
- d. 20 tons of VOC per year calculated on a rolling twelve month summary basis.
- e. 80 tons of CO per year calculated on a rolling twelve month summary basis.
- f. 20 tons of SOx per year calculated on a rolling twelve month summary basis.

Compliance with this limit shall be verified with an emissions inventory as requested by the District.

[District Rule 1303]

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- d. 20 tons of VOC per year calculated on a rolling twelve month summary basis.
- e. 80 tons of CO per year calculated on a rolling twelve month summary basis.
- f. 20 tons of SOx per year calculated on a rolling twelve month summary basis.

Compliance with this limit shall be verified with an emissions inventory as requested by the District.

[District Rule 1303]

10.A facility wide Comprehensive Emission Inventory Report (CEIR) 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), Health & Safety Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]

10.A facility wide Comprehensive Emission Inventory Report (CEIR) 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), Health & Safety Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]