



## 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

A013850

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 2025

#### OWNER OF OPERATOR (Co. #100)

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

#### EQUIPMENT LOCATION (Fac. #2352)

MWD - Various Locations  
District Wide  
MDAQM, CA 92392

#### **Description:**

ABRASIVE BLASTER, PORTABLE consisting of: Schmidt Model 1.5 CF abrasive blaster, 100 pound capacity

#### **CONDITIONS:**

1. This equipment shall only be operated and maintained in strict accord with the manufacturer's recommendations. 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.
2. This unit shall not operate more than 7 hours in any 24 hour period nor more than 2080 hours on an annual basis.  
[District Rule 1320]
3. No person shall discharge into the atmosphere from any abrasive blasting which is conducted within a permanent building any air contaminant for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated as No. 1 (20%) on the Ringelmann Chart, as published by the United States Bureau of Mines.  
[District Rule 401]

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 4941

SCC: 30900299

Location/UTM(Km): 760E/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

4.No person shall discharge into the atmosphere from any abrasive blasting which is conducted outside a permanent building any air contaminant for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated as No. 2 (40%) on the Ringelmann Chart, as published by the United States Bureau of Mines.

[Title 17 CCR 92520]

5.This abrasive blasting equipment must be operated such that no visible fugitive dust is visible in the atmosphere beyond the property line of the emission source.

[District Rule 403(a)]

6.This abrasive blasting equipment shall only be used without containment controlled by an air pollution control device (open blasting) when one or more of the following conditions are met:

(a) Steel or iron shot/grit is used exclusively;

(b) The item to be blasted exceeds 8 feet in any dimension; or

(c) The surface being blasted is situated at its permanent location or no further away from its permanent location than is necessary to allow the surface to be blasted.

[Title 17 CCR 92500(b)]

7.When this abrasive blasting equipment is used for open blasting it must use, exclusively, abrasives certified for permissible dry outdoor blasting by the California Air Resources Board (CARB) pursuant to Title 17 CCR 92530.

[Title 17 CCR 92500(c)(4)]

8.This abrasive blasting equipment shall be used within a containment controlled by an air pollution control device with a control efficiency certified to meet HEPA filtration (99.97% for PM of 0.3 microns or larger) whenever toxic materials are present on the material being blasted [District Rule 1320]. The Air pollution control device used to control contained blasting operations must have a valid District permit.

[District Rule 201]

9.The owner/operator shall maintain an operations log for this equipment containing at a minimum:

(a) Date, location, and hours of each equipment use;

(b) Type and throughput of abrasive used, including proof of CARB certification for abrasives used in open blasting;

(c) Description of the blasting project including the presence of any HAP/TAC in the materials to be blasted, include results of toxics analyses on the material being blasted, if available;

(d) Record of the use of an enclosure, if required, and the permit number of the associated air pollution control device;

(e) Emissions of PM<sub>10</sub>, VOC and HAP calculated on a calendar year basis from the operation of permitted equipment co-located on one "facility" as defined in District Rule 1301(Y). The log may be maintained at the corporate office and/or on-site for at least two (2) years and made available to Federal, State, and/or District personnel upon request.

10.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 or a Statewide Portable Equipment Registration Program (PERP) registration.

[District Rule 201 and 219]

11.This equipment is a possible source of hazardous emissions and shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 30 consecutive days without completing the notification required by California Health and Safety Code, Section 42301.6.

12.Emissions from this facility as defined by District Rule 1301(Y) shall be limited to:

(a) 20 tons/year NO<sub>x</sub>;

(b) 20 tons/year VOC;

(c) 12 tons/year PM<sub>10</sub>;

(d) 8 tons/year of any HAP; and,

(e) 20 tons/year of any combination of HAP.

Compliance with these limits shall be demonstrated via the record keeping requirements of condition 9.

13.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]