



**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**

A004166

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: JANUARY 2027**

**OWNER OF OPERATOR (Co.#752)**

Palo Verde Irrigation District  
180 West 14th  
Blythe, CA 92225

**EQUIPMENT LOCATION (Fac.#1455)**

Palo Verde Irrigation Dist. - W 14th Ave  
180 W 14th Avenue  
Blythe, CA 92225

**Description:**

PORTABLE ABRASIVE BLASTING SYSTEM EQUIPMENT # OE.325, USED THROUGHOUT PVID consisting of: Blasting unit is powered by an exempt, diesel-fired compressor rated at 49 bhp, manufactured by Caterpillar, model C2.2, serial no. G4300929.

**EQUIPMENT**

Capacity	Equipment Description
0	Abrasive Blasting Pot; Empire, Model10507P, 1,000 lbs. Capacity.
0	Abrasive Blasting Nozzle with maximum ID of 5/16".

**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]

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 4971

SCC: 30900202

Location/UTM(Km):  
725E/3273N

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.

Palo Verde Irrigation District  
180 West 14th  
Blythe, CA 92225

By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

3. All abrasive blasting operations conducted at this facility shall comply with Title 17 California Code of Regulations sections 92000-92530.

4. Abrasive blasting operations shall only be conducted using wet abrasive blasting or abrasives certified for permissible dry outdoor blasting.

[District Rule 1302; 17 CCR 92000]

5. 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. substrate of item to be blasted;
- c. blast nozzle diameter;
- d. operating pressure in psi;
- e. date and duration (in hours) of use (summarized annually) or monthly total of blast media consumed (summarized annually);
- f. percent of total operating time wet blasting is conducted; and
- g. location of blasting operations.

[District Rule 1302; 17 CCR 92000]

6. This facility shall comply with District Rules 401, 402, and 403, which corresponds to Visible Emissions, Nuisance, and Fugitive Dust, respectively.

7. This equipment shall not operate more than 7-hours per days and no more than 2548 hours per year.[District Rule 1302(C)(2)(a)]

8. Emissions from abrasive blasting operations shall not exceed the following visible emission limits for a period or periods aggregating more than three minutes in any one hour:

- a. Fully enclosed blasting- 20 percent opacity (Ringleman 1).
- b. Open outdoor blasting- 40 percent opacity (Ringleman 2).

[17 CCR 92200]

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

9. An abrasive blasting operation conducted under one or more of the following conditions is not required to be conducted within a fully enclosed area:

- 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.

[17 CCR 92500]

10. 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]