



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

A013798

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: JUNE 2026

OWNER OF OPERATOR (Co.#2454)

Ray Joye Machine and Fabrication, Inc.
13059 Aerospace Drive
Victorville, CA 92394

EQUIPMENT LOCATION (Fac.#4003)

Ray Joye Machine and Fabrication - Various
District Wide
MDAQMD, CA 92392

Description:

ABRASIVE BLASTING UNIT, PORTABLE consisting of: Empire model Super-P350 6P, serial number 28921 abrasive blasting pot equipped with a 0.50 inch maximum ID abrasive blasting nozzle. ** Please note that this abrasive blasting equipment may be operated within a spray booth enclosure however, the spray booth is not required to maintain a valid district permit unless it is operating as an active air pollution control device.

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)]

2. 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:

- Blasting operations conducted within a permanent building - 20 percent opacity (Ringleman 1).
- Blasting operations conducted outside of a permanent building - 40 percent opacity (Ringleman 2).

[District Rule 401 and 17 CCR 92200]

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

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 7692

SCC: 30900203

Location/UTM(Km):
465E/3826N

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.

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

3. This abrasive blasting equipment must be operated such that no visible fugitive dust is visible in the atmosphere beyond the property line of the facility at which this equipment is operating.
[District Rule 403(a)]
4. This abrasive blasting equipment shall only be operated outside of a permanent building when one or more of the following conditions are met:
(a) CARB certified blast media is used exclusively;
(b) The item to be blasted exceeds eight (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)]
5. When this abrasive blasting equipment is operated outside of a permanent building 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)]
6. This Permit Unit shall not operate more than 2080 hours per year. Additionally, this unit may not operate more than 7 hours per day (midnight to midnight).
[District Rules 1303(A) and 1320]
7. This equipment shall not operate within 100 meters (328 feet) of any off-site receptor.
[District Rule 1320]
8. An operations log for this equipment shall be maintained on-site for at least five (5) years and made available to Federal, State, and/or District personnel upon request. This log shall contain, at a minimum:
(a) Date, location, and hours of each equipment use;
(b) Date, type and amount of abrasive added to the blast pot, including proof of CARB certification for abrasives used in open blasting;
(c) Blast nozzle diameter;
(d) Nozzle operating pressure, in psi;
(e) Description of the blasting project, indicating the presence of toxic materials; and,
(f) Record of the use of an enclosure, if required, and the permit number of the associated air pollution control device.
[District Rule 1302]
9. 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. Alternatively, the compressor power may be supplied by electrical grid.
[District Rule 201 and 219]
10. 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. The District must be notified immediately if this equipment is to operate, or be located, within 1,000 feet of a public school.
[District Rule 1302 and H&S Code 42301.6]
11. 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]