



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

A015045

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: APRIL 2026

OWNER OF OPERATOR (Co. #3027)

Black Diamond Fabrication
641 Peralta Hills Drive
Anaheim, CA 92807

EQUIPMENT LOCATION (Fac. #4462)

Black Diamond Powder Coating
10720 E Avenue
Hesperia, CA 92345

Description:

ABRASIVE BLASTING SYSTEM consisting of: A custom manufactured abrasive blasting booth measuring 8 feet high by 8 feet wide by 20 feet long. Exhaust is vented to the integral Donaldson Torit DWS 4-1 dust collector. *note because the dust collector is integral to the booth, it does not require a separate control device permit

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

[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]

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 3479

SCC: 30900202

Location/UTM(Km): 475E/381N

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**

Brad Poiriez

Air Pollution Control Officer

4. Abrasive blasting equipment may only be used within this permitted enclosure. No unconfined outdoor blasting is to be performed without securing permits for unconfined open abrasive blasting.
[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]

6. The dust collector shall be equipped with a pressure differential gauge. The gauge shall be maintained and in operation when the abrasive blasting is occurring within the enclosure and will be marked with the operating pressure range as set forth by the manufacturer.
[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]

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]

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 NO_x 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 SO_x 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]