



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

A015399

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: SEPTEMBER 2026

OWNER OF OPERATOR (Co.#2228)

W.S. Bunch Co.
82090 First Street
Trona, CA 93592

EQUIPMENT LOCATION (Fac.#3590)

W.S. Bunch
82090 First Street
Trona, CA 93592

Description:

ABRASIVE BLASTER, PORTABLE consisting of: A homemade abrasive blaster, equipped with four (4) blasting nozzles with a maximum inside diameter of 7/16 inches at a maximum pressure of 1250 PSIG delivered at a maximum rate of 1600 cfm at a maximum flow rate of 1000 pounds per hour.

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. Emissions from confined/enclosed 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: 1474

SCC: 30900202

Location/UTM(Km):
457E/3956N

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.

W.S. Bunch Co.
1735 N 42nd Street
Omaha, NE 68111

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

3. Emissions from outdoor/unconfined abrasive blasting operations shall not exceed 40 percent opacity (Ringlemann 2) for a period or periods aggregating more than three minutes in any one hour.
[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 92000-92500.

[17 CCR 92200]

4. This abrasive blasting equipment must be operated such that no visible fugitive dust is visible in the atmosphere beyond the property line of this facility.
[District Rule 403(a)]

5. This abrasive blasting equipment shall only be used without containment controlled by an air pollution control device (outdoor/unconfined 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 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)]

6. When this abrasive blasting equipment is used for outdoor/unconfined 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)]

7. This abrasive blasting equipment shall be used within a containment controlled by an air pollution control device with a control efficiency of at least 99% whenever open blasting/outdoor blasting is not possible or permitted by condition 5.
[District Rule 1303(A)]

The air pollution control device used to control contained blasting operations must have a valid District permit or be registered with California's Portable Equipment Registration Program (PERP).
[District Rule 201]

8. Use of this abrasive blast equipment shall be limited to 1440 hours/year.
[District Rule 1320]

9. The nozzle inner diameter shall not exceed 7/16 of an inch.
[District Rule 1302]

10. 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) Type and throughput of abrasive used, including proof of CARB certification for abrasives used in open blasting;
(c) Description of the blasting project, indicating the presence of toxic materials; and,
(d) Record of the use of an enclosure, if required, and the permit number of the associated air pollution control device.

11. 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]

12. This equipment is a source of hazardous air pollutants 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]

13. Emissions from the entire facility shall not exceed the following limits:

- a. Particulate Matter 10 microns and less (PM10): 12 tons per consecutive twelve month period;
- b. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve month period; and
- c. All HAPs combined: 20 tons per consecutive twelve month period.

Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEI) or other equivalent and District approved method.

[District Rules 1302 and 1320]

14. 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]