



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

A015681

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 2027

OWNER OF OPERATOR (Co. #2586)

Southland Pipe Corporation
P.O. Box 9437
Alta Loma, CA 91701

EQUIPMENT LOCATION (Fac. #4005)

Southland Pipe Corporation
17220 Mojave Street
Hesperia, CA 92345

Description:

ABRASIVE BLASTING BOOTH consisting of: An abrasive blasting pot manufactured by AXXION Manufacturing, Model no. SCHMIDT 10 CU.FT., Serial no. 24LX-22C74, nozzle ID of 0.5 inches, and a maximum nozzle pressure of 140 psig. Blast pot is permanently enclosed in a booth measuring 18 feet high by 19 feet wide by 50 feet long. Exhaust is vented to an integral cartridge-type dust collector manufactured by Abrasive Blast Systems, Model no. ADFT 4-24, Serial no. 2503, having a maximum exhaust flowrate of 13,500 CFM from a 30 HP exhaust fan, utilizing 24 "nano-fiber" filters with a MERV-15 rating and an air to cloth ratio of 2.2:1. NOTE: The dust collector is integral to the booth, and therefore, 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 204]

2. This facility shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 3498

SCC: 30900204

Location/UTM(Km):
474E/3810N

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.

Southland Pipe Corporation
P.O. Box 9437
Alta Loma, CA 91701

By: **COPY**
Brad Poiriez
Executive Director

property.

[District Rule 204; District Rule 402]

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.

[District Rule 401; 17 CCR 92200]

4. Exhaust filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages. The differential pressure across the exhaust filters shall be maintained within the range specified by the manufacturer's recommendations.

[District Rule 204]

5. 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 204]

6. Abrasive blasting equipment may only be used within this permitted enclosure. Unconfined outdoor blasting is prohibited. If this Facility wishes to engage in unconfined blasting, the Facility is required to submit a new permit application, which may require a Health Risk Assessment (HRA). Based on the results of the HRA, public notice and/or a commenting period may be required prior to permit issuance.

[District Rule 1302(C)(1) - PTE; 17 CCR 92000]

7. 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 204; District Rule 1302(C)(1) - PTE]

8. Total PM10 emissions from this Abrasive Blasting Booth shall be less than 25 pounds per day and less than 15 tons per year. To ensure that emissions remain below these thresholds, the following limitations apply to Permit Number A015681:

- a. This abrasive blaster may not operate more than 20 hours per calendar day;
- b. This abrasive blaster may not operate more than 7,280 hours per calendar year;
- c. Operation of this abrasive blaster is only permitted in an enclosure with the dust collector operational;
- d. Maximum nozzle Inner Diameter (ID) of 0.50" (1/2");
- e. Maximum blast pot input pressure of 150 psig; and
- f. Only GMA Garnet (New Steel) media may be fed through this blast pot.

NOTE: If any of the requirements above are changed or need to be changed, submission of a permit modification application will be required and may trigger a Health Risk Assessment (HRA). Based on the results of the HRA, public notice and/or a commenting period may be required prior to permit issuance.

[District Rule 204; District Rule 1303(A) - BACT; District Rule 1320(E)(2)(b) - Prioritization; District Rule 1520]

9. 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 (2) 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. Weekly pressure differential readings; and,
- f. All maintenance and repairs performed on this unit, including dates of filter/cartridge replacement.

[District Rule 204; 17 CCR 92000]

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. Alternatively, the compressor power may be supplied by electrical grid.

[District Rule 201; District Rule 219]

11. 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; 17 CCR 93400 et seq.; 40 CFR 51, Subpart A]