



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

A012245

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2016

OWNER OF OPERATOR (Co.#2082)

Heavy Duty Gates Inc.
17201 Darwin Ave.
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#3424)

Heavy Duty Gates Inc.
17201 Darwin Ave.
Hesperia, CA 92345

Description:

ABRASIVE BLASTING SYSTEM, UNCONFINED consisting of: Abrasive Blast System manufactured by Schmidt, Model TBD, Serial Number 24L-12731: 6.5 cubic foot capacity with a maximum operating pressure of 100 psig at a maximum nozzle size of 3/8 inch (#6 Nozzle). This system can deliver approximately 1,150 pounds of abrasive media through the nozzle per hour based on an average density of 100 pounds of media per cubic foot (industry standard for dry abrasive sand).

EQUIPMENT

Capacity	Equipment Description
0	Abrasive Blast System: 6.5 cubic foot capacity with a maximum operating pressure of 100 psig at a maximum nozzle size of 3/8 inch (#6 Nozzle).

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [17 CCR 92000 et. seq.; Rule 1302]
2. This abrasive blasting equipment shall only be used without containment controlled by an air pollution control device (unconfined blasting) when one or more of the following conditions are met:
 - (a) Steel or iron shot/grit is used exclusively;

Fee Schedule: 7 (e)

Rating: 1 device

SIC: 3442

SCC: 30900201

Location/UTM(Km):
473E/3808N

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

(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.

When conducting unconfined blasting operations as authorized under subparagraph (b) or (c) above, the abrasives being used must be certified for permissible dry outdoor blasting by the California Air Resources Board.

[Title 17 CCR 92500(b)]

3. The maximum daily operating time for unconfined blasting is dependent on the type of abrasive media as follows, based on using a #6 nozzle with 100 psig air pressure at the nozzle:

a. For sand based media: 45 minutes per calendar day.

b. For Steel Grit: 80 minutes per calendar day.

c. For Steel Shot: 160 minutes per calendar day.

The owner/operator must submit a permit modification request and may be required to install Best Available Control Technology (BACT) prior to exceeding these limits.

[District Rule 1303]

4. This abrasive blasting equipment must be operated such that no visible emissions from the equipment result in an opacity greater than 20 percent (No. 1 on the Ringelmann Chart) for a period or periods aggregating more than three (3) minutes in any one hour.

[District Rule 401]

5. The owner/operator 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 property.

[District Rule 402]

6. 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]

7. This abrasive blasting equipment shall be used within a containment controlled by an air pollution control device with a control efficiency certified to meet HEPA filtration (99.97% for PM of 0.3 microns or larger) whenever toxic materials are present on the material being blasted. Furthermore, the air pollution control device used to control contained blasting operations must have a valid District permit.

[District Rules 1320 and 201].

8. An operations log for this equipment shall be maintained on-site for at least two (2) 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 or absence 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.

[District Rules 204 and 1320]

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.

[District Rule 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.

[CA H&SC 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), CA H&SC 39607 & 44341-44342]