

**SAN DIEGO AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 • FAX (858) 586-2601**

CERTIFICATE OF COMPLIANCE & CERTIFICATE OF REGISTRATION
RULE 12.1
BEC/FS: CON-001588/01X

San Diego APCD Use Only
APP/Reg. No.:
ID No.:
Existing P/O No.:

PORTABLE CONFINED/UNCONFINED ABRASIVE BLASTING

Name of Owner (DBA): _____

Legal Owner (if different from DBA): _____

Equipment Description: _____

Blast Machine Mfg.: _____

Model No: _____ Serial No.: _____

Date of equipment residency in California: _____

I, _____, certify that I will be in compliance with all applicable District Rules and Regulations and the following conditions:
(Print or type name)

1. PM10 emissions from this unit, excluding area fugitive emissions, shall not exceed 82 pounds per project per day of PM10, and 10 tons per year of PM10 for all projects combined. Project means the use of one or more registered equipment units operated under the same or common ownership or control to perform a single activity. (Rule 12.1)
2. No air contaminant which causes a public nuisance shall be released into the air.
3. Conditions 4, 5, 6, 7, 8, and 9 apply only to confined abrasive blasting operations.
4. No air contaminant shall be discharged into the atmosphere for a period aggregating more than three minutes in any one-hour which is as dark or darker than Ringelmann 1 or equivalent 20 percent opacity. (Rule 12.1)
5. Particulate matter emissions shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with this requirement shall be demonstrated by adherence to the filter system operation and maintenance requirements of this permit. (Rule 52)
6. Particulate matter emissions, except area fugitive emissions, shall be controlled using a fabric or cartridge type dust collector.
7. Except for vent filters, each fabric dust collector shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filters.
8. All filters, gauges and dust control equipment shall be maintained in proper operating order.
9. For dust collectors not specifically listed on the above equipment description, a copy of the manufacturer's specifications or engineering data which demonstrate a minimum particulate matter arrestance of 99 percent for the dust collection equipment must be kept with the equipment and presented upon request to the Air Pollution Control District.
10. Conditions 11, 12, and 13 apply only to unconfined abrasive blasting operations.
11. Only California Air Resources Board certified abrasive blasting material shall be used. (Rule 12.1)
12. No abrasive material shall be reused. (Rule 12.1)
13. No air contaminant shall being discharged into the atmosphere for a period aggregating more than three minutes in any one-hour which is as dark or darker than Ringelmann 2 or equivalent 40 percent opacity.
14. Applicable requirements of Title 17 of the California Code of Regulations shall be met.
15. The owner of a registered rental emission unit shall provide the operator with a written copy of applicable requirements of District Rule 12.1, including record keeping requirements, as a part of the emission unit rental agreement. The owner must maintain written acknowledgment by the operator of receiving the above information for a period of at least three years.
16. The operator of a registered rental emission unit shall be responsible for complying with the record keeping requirements of this certificate of registration. The operator must furnish the necessary record keeping as required by this certificate of registration to the owner of the emission unit.

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17. The following records shall be maintained at a central place of business for a minimum of three years and made readily available to the District upon request:
- I. The location(s) at which the emission unit was operated, including the dates operated at each location.
 - II. The type and quantity of materials processed daily by each equipment unit, or the daily hours of operation and the hourly throughput rate for each equipment unit. (Rule 12.1)
18. Operating a registered emission unit constitutes acceptance of all conditions specified on the Certificate. [Rule 12.1(e)(3)]
An owner or operator whose emission unit has been issued a Certificate shall:
Comply with all conditions listed on the Certificate;
Renew the Certificate annually pursuant to Rule 12.1(f)(1);
Maintain records, as applicable, in accordance with the requirements of Rule 12.1(g);
Display the current Certificate or a copy of the current Certificate in a clearly visible and accessible place within 25 feet of the emission unit. If the unit is so constructed or operated that the Certificate cannot be so placed, it shall be kept at the operating location and be made readily available to the District at all times;
Not willfully deface, alter, forge, counterfeit or falsify any Certificate issued under this rule; and
Not change the equipment from that set out in the Certificate or Registration unless a complete application for modification has been filed and approved by the Air Pollution Control Officer prior to operation. [Rule 12.1(e)(4)]
19. An engine or equipment unit shall be configured and operated so as to meet the definition of a portable emission unit as defined in Rule 12.1. An engine's and/or equipment unit's certificate of registration shall be invalid when such equipment is used as an integral part of the operation of a stationary source or to supplement or expand the stationary source's operation. [Rule 12.1(b)]
20. An emission unit is not portable if any of the following apply:
The unit, or its replacement, is attached to a foundation or, if not so attached, will reside at the same location for more than 12 consecutive months; or
The emission unit remains or will reside at a location for less than 12 consecutive months if the unit is located at a seasonal source and operates during the full annual operating period of the seasonal source; or
The emission unit is moved from one location to another in an attempt to circumvent the portable emission unit residence time requirements.
21. Days when a portable emission unit is stored in a designated holding or storage area shall not be counted towards the above time limits, provided the emission unit was not operated on that calendar day except for maintenance and was in the designated holding or storage area the entire calendar day.
22. In the event that a portable emission unit is not portable the holder of this certificate of registration shall submit an application for a Permit to Operate to the District.
23. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
24. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
25. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)

Signature: _____ Date: _____

Title: _____ Affiliation: _____

CERTIFICATE OF REGISTRATION (FIRST YEAR)

A copy of this registration certificate must be kept with the equipment and presented upon request to the Air Pollution Control District. Every person who operates this equipment is required to comply with all Air Pollution Control District Rules and Regulations, including Rule 12. Any person who violates a rule or regulation of the Air Pollution Control District or any of the conditions listed above is guilty of a misdemeanor and may be subject to civil and criminal penalties. To remain valid, this certificate must be renewed annually in accordance with District Rule 40.

Approved by: _____ Date: _____

(APCD Engineer's Signature)

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(1) **"Portable Emission Unit"** means an emission unit that is designed to be and capable of being carried or moved from one location to another. Indicia of portability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer or platform. An emission unit is not portable if any of the following apply:

(i) The unit, or its replacement, is attached to a foundation or, if not so attached, will reside at the same location for more than 12 consecutive months. Any portable emission unit such as a backup or standby unit that replaces a portable emission unit at a location and is intended to perform the same function as the unit being replaced will be included in calculating the consecutive time period. In that case, the cumulative time of all units, including the time between the removal of the original unit(s) and installation of the replacement unit(s), will be counted toward the consecutive time period; or

(ii) The emission unit remains or will reside at a location for less than 12 consecutive months if the unit is located at a seasonal source and operates during the full annual operating period of the seasonal source. A seasonal source is a stationary source that remains in a single location on a permanent basis (i.e., at least two years) and operates at that single location at least three months each year; or

(iii) The emission unit is moved from one location to another in an attempt to circumvent the portable emission unit residence time requirements.

Days when a portable emission unit is in storage shall not be counted towards the above time limits, provided the emission unit was not operated on that calendar day except for maintenance and was in storage the entire calendar day.

(2) **General Prohibitory Requirements**

(i) Emissions from a registered equipment unit, excluding emissions emitted directly from the associated portable engine and area fugitive emissions, shall not exceed 82 pounds per project per day of PM10, and 10 tons per year of PM10 for all projects combined.

(ii) No air contaminant shall be released into the atmosphere which causes a public nuisance.

(iii) **Confined abrasive blasting operations**

(A) No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which has an opacity as to obscure an observer's view to a degree equal to or greater than does smoke of a shade designated Ringelmann 1 or equivalent 20 percent opacity.

(B) Particulate matter emissions, except area fugitive emissions, shall be controlled using a fabric or cartridge filter dust collector.

(C) As a part of an application for registration, the applicant shall provide manufacturer's specifications or engineering data to demonstrate a minimum particulate matter arrestance of 99 percent for the dust collection equipment.

(D) Except for vent filters, each fabric dust collector shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filters.

(iv) **Unconfined abrasive blasting operations**

(A) No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which has an opacity as to obscure an observer's view to a degree equal to or greater than does smoke of a shade designated Ringelmann 2 or equivalent 40 percent opacity.

(B) Only California Air Resources Board (CARB) certified abrasive blasting material shall be used.

(C) The abrasive material shall not be reused.

(D) No air contaminant shall be released into the atmosphere which causes a public nuisance.

(E) All applicable requirements of Title 17 Sections 92000 – 92530 of the CCR shall be met.