

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: <u>APCD2020-CON-001605/40X</u>

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

PORTABLE UNHEATED PAVEMENT CRUSHING / RECYCLING (> 150 TONS PER HOUR)

Name of Owner (DBA): _____

Legal Owner if different from DBA: _____

Equipment Description: Mfg. _____ Model No.: _____

Serial No.: _____ Length: _____ ft. Width: _____ ft. Rating: _____ Tons/Hr _____ Emission Controls: _____

Date of equipment residency in California: _____

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

Regulations and the following conditions:

1. 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)].
2. 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)
3. No air contaminant which causes a public nuisance shall be released into the air.
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. There shall be no visible emissions beyond the property line of the property on which the equipment is being operated. [Rule 12.1(d)(2)(vi)(B)]
6. All access and haul roads used by motor vehicles at this facility shall be adequately watered or otherwise maintained and operated in such a manner that visible dust emissions from these roads do not exceed the visible emissions standards of District Rule 50 or cause a nuisance in violation of District Rule 51.
7. All screens, crushers, and transfer points shall be ducted through a fabric or cartridge type filter dust collector, or the screens, crushers, or transfer points shall be equipped with an integrated wet suppression system which shall be in operation at all times the equipment is in operation and sufficient to ensure that the visible emissions comply with this rule. (Rule 12.1)
8. All conveyors shall be covered, or shall utilize an integrated wet suppression system such that the material being conveyed does not result in any visible particulate matter emissions. (Rule 12.1)
9. All stockpiled material shall be maintained in a state such that the material does not result in any visible particulate matter emissions. (Rule 12.1)
10. All dust control equipment shall be maintained in proper operating order.
11. Except for vent filters, each dust control system shall be equipped with an operational pressure differential gauge to measure the pressure drop across the filters.
12. 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.
13. 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.

14. 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)
15. Each affected facility, shall pass an initial performance test of visible emissions in accordance with NSPS Subpart OOO §60.672. The owner or operator shall comply with reporting and recordkeeping requirements specified in 60.676. (40 CFR Part 60 Subpart OOO)
16. The owner or operator shall conduct monthly periodic inspections of the water spray system to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator shall complete corrective actions within 24 hours if it is found that water is not flowing properly. Records of these inspections, including the date of each inspection and any corrective actions taken must be maintained and made available upon request. (40 CFR Part 60 Subpart OOO)
17. The owner or operator shall comply with all applicable requirements of 40 CFR 60 Subpart OOO including, but not limited to, the following:
 - a. Meeting all opacity limits applicable to each equipment type and emission point.
 - b. Performing any required periodic monitoring or maintenance.
 - c. Meeting particulate emission limits and conducting any required performance tests for any ducted emission controls including bag houses, dust collectors and wet scrubbers.
 - d. Maintain on site all records necessary to demonstrate compliance with these requirements. Records establishing the construction, modification or reconstruction date of each piece of equipment are not required provided the equipment complies with the most stringent emissions and opacity requirements contained in 40 CFR 60 Subpart OOO for any construction, modification or reconstruction date.
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. A copy of this registration certificate must be kept with the equipment and presented upon request to the Air Pollution Control District.
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. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
23. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
24. 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)

Every person who operates this equipment is required to comply with all Air Pollution Control District Rules and Regulations, including Rule 12.1. 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 12.1.

Approved by: _____

(APCD Engineer's Signature)

Date: _____

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

(i) The emission unit remains or will remain at a location for more than 12 consecutive months. Any emission unit, such as a back-up or standby unit, that replaces an 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 both emission units, including the time between the removal of the original unit and installation of the replacement unit, would be counted towards the consecutive residence time period; or

(ii) The emission unit remains or will remain at a location for less than 12 consecutive months where such a period represents the full length of normal annual source operations at the location; or

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

The period during which the emission unit is maintained at a storage facility shall be excluded when determining the above residency limitations.

(2) **General Prohibitory Requirements**

(i) Except for emissions from existing emission units, the total NO_x or VOC emissions from a project shall not exceed 100 pounds during any one-day for each pollutant.

(ii) The total PM₁₀ emissions from a project, including both existing and new emission units shall not exceed 150 pounds during any one day.

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

(iv) Except for emergency operations, an emission unit shall not be operated within 1,000 feet of any K-12 school unless the applicable public and student notification requirements of California Health and Safety Code Section 42301.6 have been satisfied.

(v) When operated as a registered portable emission unit, the actual emissions except area fugitive emissions from an emission unit, as verified by the recordkeeping prescribed by this rule, shall not exceed 10 tons per year of any air contaminant in any participating district in which such unit is operated.

(vi) Sand and gravel screening, rock crushing, and unheated pavement crushing and recycling 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 is as dark as or darker than Ringelmann 1 or equivalent 20 percent opacity.

(B) There shall be no visible emissions beyond the property line of the property on which the equipment is being operated.

(C) All transfer points shall be ducted through a fabric or cartridge type filter dust collector or shall be equipped with a wet suppression system maintaining a minimum moisture content in the material being processed of four percent by weight.

(D) Particulate matter emissions from each crusher shall be ducted through a fabric dust collector, or a wet suppression system shall be used which maintains a minimum moisture content in the material being processed of four percent by weight.

(E) All conveyors shall be covered, unless the material being transferred does not result in any visible particulate matter emissions.

(F) All stockpiled material shall be maintained at a minimum moisture content of four percent by weight unless the stockpiled material does not result in any visible particulate matter emissions.

(G) Any source which processes in excess of 150 tons per hour shall comply with all the applicable provisions of the Code of Federal Regulations (CFR) under 40 CFR Part 60, Subpart OOO.

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

(I) 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.