

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
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CERTIFICATE OF COMPLIANCE & CERTIFICATE OF REGISTRATION
RULE 12.1
BEC/FS: <u>10935/08X</u>

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

PORTABLE CONCRETE BATCH PLANT

Name of Owner (DBA): _____

Legal Owner if different from DBA: _____

Equipment Description: Mfg. _____ Model No.: _____

Mixer Capacity: _____ Silo Capacity: _____

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. PM₁₀ emissions, excluding area fugitives, from a unit shall not exceed either 0.10 grains per dry standard cubic foot or 150 pounds per day. (Rule 12.1, Rule 52)
2. The actual emissions of any air contaminant, except area fugitive emissions, from this unit, as verified by required recordkeeping, shall not exceed 10 tons per year in any air pollution control district in which such unit is operated. (Rule 12.1)
3. All dry material transfer points where visible emissions occur shall be ducted through a fabric or cartridge type dust collector. Storage silos shall be equipped with fabric or cartridge type vent filters. All filters and dust collecting equipment shall be maintained in proper operating order. (Rule 12.1, Rule 50)
4. 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. (Rule 12.1)
5. Silo service hatches shall be dust tight. (Rule 12.1, Rule 50)
6. Visible emissions shall comply with Rule 50 and Rule 12.1.
7. Sufficient water shall be added to storage piles, open areas and haul roads to comply with Rule 50.
8. Except for emergency operations, an emission unit shall not be operated within 1,000 feet of any K-12 school unless California Health and Safety Code Section 42301.6 is met. (Rule 12.1)
9. The operator shall notify the District within two days from when a registered unit is relocated into the District. The notification shall be as specified in Rule 12.1.
10. As part of the rental agreement, the owner of a rental registered unit shall provide the operator with a copy of applicable requirements of Rule 12.1 including notification and recordkeeping.
11. The following records shall be maintained and made available to the District for at least two years from the date recorded. Records shall be provided to each participating air pollution control district in which the equipment was operated within 30 days after the end of every calendar quarter:
 - i. The date and locations at which the equipment was operated.
 - ii. The hours of operation and the hourly throughput rate or the type and quantity of materials processed on a daily basis for each unit
(Rule 12.1)

Registrant or operator shall provide access, facilities, utilities, and any necessary safety equipment for source testing and inspection upon request of the Air Pollution Control District. (Rule 19)

12. A copy of this registration certificate must be kept with the equipment and presented upon request to the Air Pollution Control District. (Rule 12.1)

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: _____ Date: _____
(APCD Engineer's Signature)

(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) **Concrete Batch Plants**

(A) All dry material transfer points shall be ducted through a fabric or cartridge type filter dust collector, except where there are no visible emissions from a transfer point.

(B) All cement storage silos shall be equipped with fabric or cartridge type vent filters.

(C) The silo vent filters shall be maintained in proper operating condition.

(D) 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.

(E) Open areas shall be maintained adequately wet to prevent fugitive emissions in excess of 20 percent opacity or Ringelmann 1.

(F) Silo service hatches shall be dust-tight.

(G) 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.

(H) 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.