

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-000225/34X

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

PORTABLE DIESEL IC ENGINE (NEW) FOR EMERGENCY OR LOW USE ONLY

Name of Owner (DBA): _____

Legal Owner if different from DBA: _____

Equipment Description: Year _____ Manufacturer: _____

Model No.: _____ Serial No.: _____ HP Rating: _____ Type of Fuel: _____

Engine Use: Emergency Engine or Low -Use Engine (less than 80 hours per year)

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

Regulations and the following conditions:

1. This engine shall be certified to meet the Federal or California tiered emission standard for non-road engines as shown in the equipment description above. (17 CCR 93116)
 2. If designated as an Emergency Engine in the above equipment description, the engine shall be operated exclusively in emergency applications except for up to 50 hours per year for maintenance and testing. If designated as a Low-Use Engine in the above equipment description, the engine shall be operated 80 hours or less each calendar year. (17CCR 93116)
 3. This engine shall satisfy one of the following requirements no later than January 1, 2020:
 - (1) be certified to Tier 4 standards for non-road engines.
 - (2) be equipped with a properly functioning Level-3 verified technology.
 - (3) be equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in Diesel PM emissions.
- Modifications to equipment require a prior authority to construct from the APCD. (17 CCR 93116.3(b)(3))
4. The total NOX or VOC emissions from a unit shall not exceed 100 pounds during any one day for each pollutant.
 5. 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.
 6. 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 calendar year (January through December) in any Air Pollution Control District in which such unit is operated.
 7. 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.
 8. This engine shall use only CARB diesel fuel. (Rule 12.1, 17 CCR 93116)
 9. Visible emissions including crank case smoke shall comply with Rule 50. (Rule 50)
 10. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
 11. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operating hours. If a meter is replaced, the Air Pollution Control District's compliance division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
 - a. Old meter's hour reading;
 - b. Replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter;
 - c. Copy of receipt of new meter or of installation work order. A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request. (Rule 12,17 CCR 93116)
 12. The following records regarding operation of this equipment in San Diego County shall be maintained and made available to the District for at least 2 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. Date and hours of operation or the type and quantity of fuels consumed on a daily basis
 13. Effective January 1, 2012, the Responsible Official of a fleet shall maintain on a calendar year basis a record of the total hours of operation for each portable engine. These records shall be maintained at a central place of business for five years from their date of creation. The records shall clearly identify each portable engine subject to the recordkeeping requirement as well as the annual hours of operation. These records shall be made available, upon request, to the District or CARB personnel and provided within ten business days of the request.

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- 14. A status report containing the information required in 17 CCR 93116.4(e)(1) shall be submitted to the ARB by March 1, 2011. (17 CCR 93116)
- 15. The responsible official shall submit compliance statements as required by 17CCR 93116.4(e). These compliance statements are due to the California Air Resources Board by March 1, 2013, March 1, 2017 and March 1, 2020.
- 16. The operator shall notify the District within 2 days from when a registered unit is relocated into the District. The notification shall be as specified in Rule 12.1.
- 17. As part of the rental agreement, the owner of a registered rental unit shall provide the operator with a copy of applicable requirements of Rule 12.1 including notification and recordkeeping.
- 18. 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.
- 19. 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.
- 20. 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.
- 21. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
- 22. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 23. 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 40.

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

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(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) Spark ignition piston-type internal combustion engines:

(A) The NO_x emissions shall not exceed 1.5 grams per brake horsepower-hour.

(B) The VOC emissions shall not exceed 1.5 grams per brake horsepower-hour.

(C) The CO emissions shall not exceed 2.0 grams per brake horsepower-hour.

(D) Except for pile drivers, 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.