

**SAN DIEGO AIR POLLUTION CONTROL DISTRICT**

**Portable Equipment  
Registration Program**

**Rule 12.1  
FORM 34X**

**San Diego APCD Use Only**

**APP/Reg. No.:** \_\_\_\_\_

**I.D. No.:** \_\_\_\_\_

**PORTABLE INTERNAL COMBUSTION ENGINE REGISTRATION APPLICATION**

1. Company Name: \_\_\_\_\_
2. New Registration (**Check One**):     Operational                       Non-Operational
3. Modification to Registration     Equivalent Replacement    Registration Number: \_\_\_\_\_  
*For any other equipment or registration modifications complete Form I-B.*
4. Indicate Engine Type:                       Compression Ignition                       Spark Ignition
5. Engine Manufacturer: \_\_\_\_\_
6.                      Model: \_\_\_\_\_                      Series: \_\_\_\_\_
7.                      Manufacturer's maximum brake horsepower rating: \_\_\_\_\_
8.                      Year of Manufacture: \_\_\_\_\_                      Serial Number: \_\_\_\_\_
9. Air Pollution Control Equipment     Turbocharger                       Intercooler / Aftercooler  
 Injection Timing Retard. (*Attach Form 2-B, proof of retard*)  
 Catalyst (*Attach description of catalyst*)  
 Other (*Attach complete description of control equipment*)
10. Primary Fuel:     Diesel     Gasoline     Natural Gas     Other \_\_\_\_\_  
If "Other" is indicated list fuel: \_\_\_\_\_
11. Fuel Consumption Rate at Maximum Rating (*include units*): \_\_\_\_\_
12. Describe the General Use of Engine: \_\_\_\_\_  
\_\_\_\_\_
13. Indicate Normal Equipment Operating Schedule: \_\_\_\_\_
14. Emission Factors, please include units, e.g. grams per brake horsepower (g/bhp-hr), parts per million (ppm).  
(Optional)

NOx	VOC	CO	SOx	PM10

15. Attach Appropriate Supporting Documentation  
 Manufacturer's Data (*Attach Copy of Emissions Data*)  
 Source Test (*Attach Copy of Source Test Results*)  
 Other (*Please Indicate*): \_\_\_\_\_  
 CARB Pre-Certified (*Indicate Pre-certification #*) \_\_\_\_\_
16. Residency Status                       Resident Engine                       Non-Resident Engine  
*Attach Form 2-A documenting proof of residency*

## (FORM 34X)

1. *Company Name* - Legal name of entity, business, organization, agency, or private individual that operates engine.
2. *New Registration*  
*Registration Operational* - Check this box if you intend to operate equipment when registered.  
*Registration Non-operational* - Check this box if you will not operate the equipment but wish to have the equipment evaluated for compliance eligibility.
3. *Modification to Registration* - This form is for new registrations and equivalent replacements. If you want to modify equipment that has previously been registered and the modification is not an equivalent replacement, please use FORM 1-B, *Modification to an Existing Registration*.  
*Equivalent Replacement* - Check this box if the existing equipment is being replaced by equivalent equipment.  
(The APCD registration number of existing unit must be included.)
4. *Indicate Engine Type* - Select either spark (gasoline, natural gas, CNG, LPG) or compression ignition (diesel).
5. *Engine Manufacturer* - for example: Caterpillar, Detroit Diesel
6. *Model* - will likely be a series of numbers or letters or combinations of numbers and letters, for example: DD350.  
*Series* - will likely be an extension of the Model number such as AT.
7. *Manufacturer's Maximum Horsepower Rating (Bhp)* - the maximum brake horsepower rating on the nameplate of the engine.
8. *Year of Manufacture* - Year engine was built, not model year or year sold. If the year of manufacture is unknown provide an estimate.  
*Serial Number* - A unique, unit-specific number, usually on the engine nameplate.  
For example: DD3501LKR011168.
9. *Air Pollution Control Equipment* - May be one or more of the choices, or none. If 4-degree timing retard is indicated, Form 2B, *proof of engine timing retard* must be included. If engine does not employ any control technologies leave all boxes blank.
10. *Primary Fuel* - Diesel, gasoline, or natural gas. If other is indicated, then fuel type must be specified.
11. *Fuel Consumption Rate at Maximum Rating* - The quantity of fuel used per hour at the engine's maximum horsepower rating in gallons per hour.
12. *Description of General Use of Engine* - Provide a general description of the types of activities the engine is typically used for, such as oil rig concrete pump, compressor, or used to power an electrical generator.
13. *Normal Equipment Operating Schedule* - The typical operating schedule for the engine in hours per day, days per week, and weeks per year.
14. *Emission Factors* - Write the emission factors for each pollutant for the primary fuel in the boxes provided. Please use correct units for each of the factors, i.e. grams per brake horsepower-hour (g/bhp-hr) or parts per million (ppm). Emission factors must be substantiated with proper documentation such as a source test or manufacturer's data. Emission factors may be used based on data supplied by air pollution control and air quality management districts.
15. *Emission Factor Documentation* - If you provide emission factors, in No. 14, please substantiate with proper documentation such as a source test or manufacturer's data.
16. *Residency Status* - If the engine qualifies as a "resident" engine check Resident Engine and attach Form 2-A, *Documenting Proof of Residency*. If the engine does not qualify as "resident," check non-resident engine. Generally, a "resident" engine is one that has a current valid permit with a California air pollution control and air quality management district at the time this application is submitted. For more information, refer to Form 2-A, *Documenting Proof of Residency*. A resident engine has specific and more lenient requirements.