



air pollution control district  
SANTA BARBARA COUNTY

# Diesel-Fired Emergency/Standby (E/S) Engine Application Form -34E

Santa Barbara County Air Pollution Control District  
260 N. San Antonio Road, Suite A  
Santa Barbara, CA 93110-1315

Complete a separate APCD Form -34E for each emergency/standby engine along with an APCD Form -01 (*General Permit Application*). Only one Form -01 is required if multiple engines are being applied for at the same facility. Mail the completed form(s) and appropriate filing fees to the Air Pollution Control District (APCD) at the above address. Additional assistance can be obtained by referencing to the APCD's Diesel Internal Combustion Engine webpage at <http://www.ourair.org/dice-atcm>.

## I. Purpose of Application

<input type="checkbox"/> New Engine	<input type="checkbox"/> Reconstructed Engine	<input type="checkbox"/> Replacement of an Existing Engine
<input type="checkbox"/> Add-On Controls	<input type="checkbox"/> Enrolling in a Demand Response Program (DRP) / Interruptible Service Contract (ISC)	
<input type="checkbox"/> Existing Engine	Installation Date of Existing Engine	<input type="text"/>

## II. Engine Location (*Physical Address of Engine*)

Street Address or Nearest Cross Streets or Lease Name	<input type="text"/>				
City	<input type="text"/>	State	<input type="text"/>	Zip Code	<input type="text"/>

## III. Exemptions (*Check all that apply*)

<input type="checkbox"/> C.16 In-Use Firewater Pump Per NFPA 25/13	<input type="checkbox"/> C.8 DoD Training Engine
<input type="checkbox"/> C.10 OCS Engine	<input type="checkbox"/> C.19 Fuel Delay Requirements

## IV. General Information (*Please fill in completely*)

<input type="radio"/> Stationary	<input type="radio"/> Portable	Is the engine stationary or portable for purposes of compliance with the applicable state Air Toxic Control Measure (ATCM)? See the definition of "Portable CI Engine" in the ATCM. <a href="http://www.ourair.org/wp-content/uploads/finalreg2011.pdf">http://www.ourair.org/wp-content/uploads/finalreg2011.pdf</a>
<input type="radio"/> Yes	<input type="radio"/> No	Does the company own four or more diesel engines rated over 50 bhp in Santa Barbara County?
<input type="radio"/> Yes	<input type="radio"/> No	Is the facility/engine part of a Utility Company Demand Response (DRP) Program using an Interruptible Service Contract (ISC)?
<input type="radio"/> Yes	<input type="radio"/> No	Is the engine used to provide an essential public service? If yes, identify the public service provided by this engine: <input type="text"/>
<input type="radio"/> Yes	<input type="radio"/> No	Will this engine provide backup power for a healthcare facility?
<input type="radio"/> Yes	<input type="radio"/> No	Is your project's property boundary located or proposed to be located within 500 feet from the school grounds (k-12) as defined in Section 93115.4(a)(67) of the ATCM?

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### V. Fuel Type *(Use CARB Diesel as a default fuel type, if unknown)*

☐ CARB Diesel

☐ Other (specify):

### VI. Engine Operations

Annual Maintenance and Testing Schedule *(maximum per year. new engines use  $31 \leq 50$  hrs/year)*:

☐  $21 \leq 30$  hrs/year

☐  $31 \leq 50$  hrs/year

☐  $51 < 100$  hrs/year

Worst Case Daily Maintenance & Testing Hours of Operation\*

\*The District will permit the emergency standby generator at a maximum of 2 hours of operation per day for maintenance and testing purposes (no limit for emergency use), unless additional hours are requested by the applicant in this field. Permitted daily operating hours are an enforceable operating limit. Sources which have load bank testing requirements should ensure they request sufficient daily operating hours to complete the testing. Future increases to the permitted daily maintenance and testing hours may only be requested via a permit modification.

☐ Yes ☐ No

Is the engine equipped with a 4-digit Non-Resettable Hour Meter?

☐ Yes ☐ No

If the engine is equipped with a 4-digit Non-Resettable Hour Meter, is the meter integral to the engine?

If no, then provide the following engine hour meter information:

Manufacturer	<input style="width: 100%;" type="text"/>
Model Name	<input style="width: 100%;" type="text"/>
Serial Number	<input style="width: 100%;" type="text"/>

### VII. Engine Information *(Please fill in completely. Use a separate form for each engine)*

Engine Use (check all that apply)

☐ Electrical Power

☐ Fire Water Pump

☐ Mechanical Work

☐ Pumping Flood Water

☐ Pumping Sewage

☐ Runway Lights

☐ Water Distribution System

☐ Other (Describe)

Engine Data

☐ Yes ☐ No

Do you have the engine manufacturer's engine specification sheet? If so, please attach it to this application form.  
(This information is required for new engines.)

Manufacturer	<input style="width: 100%;" type="text"/>		
Model Name	<input style="width: 100%;" type="text"/>		
Year of Manufacture	<input style="width: 25%;" type="text"/>	Model Year	<input style="width: 25%;" type="text"/>
Maximum Rated Brake Horsepower	<input style="width: 80%;" type="text"/>		bhp
Serial Number	<input style="width: 100%;" type="text"/>		
EPA 12-Character Family Name*	<input style="width: 100%;" type="text"/>		
ARB Engine Certification Executive Order*	<input style="width: 100%;" type="text"/>		
Owner/Operator ID for Engine <i>(if any)</i>	<input style="width: 100%;" type="text"/>		

\*Only applicable to certified engines. Check engine nameplate or engine manufacturer.

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## VIII. Emission Factors

Emission factors form the basis for calculating the mass emissions from the engine. The APCD will use default emission factors based on the engine's Tier standard. Older engines are assigned the current EPA AP-42 emission factors. If Other is selected, provide the specific basis, fill in the box below and attach detailed supporting emissions documentation. Emissions testing may be required to verify the use of Other emission factors.

☐ Use APCD default USEPA Tier Standard for Compression Ignition Engines for this engine

☐ Other (specify basis):

Value (in g/bhp-hr)	
Nitrogen Oxides (NOx as NO2)	
Reactive Organic Compounds (ROC)	
Carbon Monoxide (CO)	
Particulate Matter (PM)	

## IX. Applicant/Preparer Statement

The person who prepares the application also must sign this form. The preparer may be an employee of the owner/operator or an authorized agent (contractor/consultant) working on behalf of the owner/operator (an *Authorized Agent Form -01A* is required).

I certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct.

Completed By

Company

Signature

Date

### Application Checklist (Have you submitted all the required information? Please check off the boxes)

- ☐ Form -01 (*Permit Application Form*) attach one Form-01 for all diesel engines within the same facility.
- ☐ Form -01A (*Authorized Agent Form*) attach if this application was prepared by and/or if correspondence is requested to be sent to an Agent Authorized (e.g., contractor or consultant). This form must accompany each Form -01 application.
- ☐ Form -34R (*Stationary Diesel ATCM Emission Inventory Reporting Form*) attached (*required*)
- ☐ Engine manufacturer specification sheets (*Required for new engines*).
- ☐ Permit application filing fee of \$565 for new engines. Permit application filing fee of \$1,130 for engines installed prior to January 1, 2005.
- ☐ Emissions documentation from the manufacturer (*if the Other emission factor box is checked*).

**PLEASE NOTE THAT FAILURE TO COMPLETELY PROVIDE ALL REQUIRED INFORMATION OR FEES WILL  
RESULT IN YOUR APPLICATION BEING RETURNED OR DEEMED INCOMPLETE.**