



INSTRUCTIONS FOR ENGINESUPP001

Please make a copy and complete Form EngineSupp001 for each diesel fired engine with a horsepower rating of 50 or greater.

Information on Facility – Please indicate the name and location of the facility where the engine is located. Please identify the contact person for additional information concerning the engine.

Information on Engine - Please provide the manufacturer's name, model number, and serial number for the engine. The horsepower rating should be the maximum output of the engine as stated by the manufacturer in the manufacturer's sales and service literature, as listed on the nameplate of the unit, or if applicable, as shown in the application for certification, whichever is greatest. For in-use engines, the maximum brake horsepower output is based on the engine's configuration as of January 1, 2005. For engines installed after January 1, 2005, the maximum brake horsepower output is based on the engine's configuration at the time of initial installation at the facility. If you have your own identification number for your engine, please include that information.

The purpose of the next question is to elicit information to determine which of two ARB Air Toxic Control Measures (ATCM) the engine will be subject to: the ATCM for Stationary Compression Ignition Engines or the ATCM for Diesel-Fueled Portable Engines. Engines that are permitted as "stationary" because they operate within a single facility for more than 12 consecutive months may still be subject to the portable engine ATCM. If the engine is permitted at a single facility, but, due to operational needs, is moved to different locations within the facility, it is considered "portable" for ATCM applicability, even if it is permitted as "stationary". Review the operation of the diesel engine and indicate whether it is stationary or portable. Also, describe how you determined whether the engine is stationary or portable.

Stationary Engine Information – This information is required by the ATCM for Stationary Compression Ignition Engines. Indicate the distance, in feet, from the ground to the top of the engine stack and the inner diameter of the stack in inches. Check the box for the direction of the stack outlet. If you check "other" indicate the direction. Check the box for the configuration of the end of the stack. Open means there is no device on the end of the stack that impedes the flow of gas in the direction of the stack opening. A raincap is a device that is designed to prevent rainwater or other materials from dropping into the stack. A raincap impedes or changes the direction of flow of the stack gases. A flapper-type raincap is commonly used on engines. The flapper opens when the engine is in operation and closes when it is not.

Indicate the typical engine load as a percentage of the maximum capacity of the engine. Indicate the typical number of hours per month that the engine operates, and, if the operation is seasonal, indicate the months that the engine typically operates and the typical number of hours per month of operation. If known, indicate the engine's typical fuel consumption rate in gallons per hour.

A receptor is an off site location where people are located for an extended time. A receptor may be a business, a residence, a school, or another type of installation. Indicate the distance, in feet, from the engine to the nearest receptor. Describe the type of receptor (business, residence, etc.). If the nearest receptor is not a school, indicate the distance to the nearest school, in feet. If the engine operates at different locations within the facility, the receptor distance should be the minimum distance from a location that the engine operates to an offsite receptor.

Indicate, if you know, whether the engine has been included in an emission inventory report submitted pursuant to the requirements of the Air Toxics "Hot Spots" Program (AB 2588).



DIESEL ENGINE SUPPLEMENTAL QUESTIONNAIRE

Complete a separate form for each engine.

Information on Facility

Facility Name			
Facility Address			
City, State Zip			
Contact Person		Phone Number	

Information on Engine

Manufacturer	
Model	
Serial Number	
Maximum Rated Brake Horsepower	
Your I.D. For Engine (if any)	
Is the engine stationary or portable for purposes of compliance with the applicable state Air Toxic Control Measure (ATCM)?	<input type="checkbox"/> Stationary <input type="checkbox"/> Portable
<p><i>A stationary compression ignition (CI) engine is a CI engine designed to stay in one location, or that remains in one location. A portable CI engine is a CI engine designed and capable of being carried or moved from one location to another. Indicators of portability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, or platform. An engine with indicators of portability that remains at the same location for more than 12 consecutive rolling months or 365 rolling days, whichever occurs first, not including time spent in a storage facility, shall be deemed a stationary engine.</i></p> <p>Note that for ATCM compliance purposes, an engine that is not eligible for registration under the state Portable Equipment Registration Program (PERP) may be considered portable. This includes engines subject to federal MACT, NESHAP, or NSPS; equipment operated in the OCS; and equipment that qualifies as part of a stationary source.</p>	<p>Describe how you determined whether the engine is stationary or portable.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

Complete for stationary engines only

Exhaust stack height from ground	_____ feet
Diameter of stack outlet	_____ inches
Direction of stack outlet	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/> Other _____
End of stack	<input type="checkbox"/> Open <input type="checkbox"/> Capped <input type="checkbox"/> Flapper-type cap
Typical load (percent of maximum bhp rating)	_____ percent
Typical annual hours of operation	_____ hours
If seasonal, months of year operated and typical hours per month operated	Months operated _____ through _____ typical hours per month _____
Fuel usage rate (if available)	_____ gallons per hour
Nearest offsite receptor description (type)	_____
Distance to nearest offsite receptor	_____ feet
Distance to nearest school grounds	_____ feet
Is the engine included in an existing AB2588 emission inventory?	<input type="checkbox"/> Yes <input type="checkbox"/> No