

**Stationary and Portable Diesel Agricultural Engines registration requirements
begin September 1st, 2008.**

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Recent California Air Resources Board (CARB) regulations (www.arb.ca.gov) require that local air districts register stationary and portable diesel engines. Additionally some of these engines may need to be upgraded beginning in 2010 to reduce emissions.

These CARB regulations are similar to existing rules for stationary and portable diesel engines that have been in effect for a number of years. In 2006 CARB removed the exemption for agricultural equipment.

Why do we need another rule?

The purpose of the CARB regulations is to reduce public exposure to air toxics in Diesel exhaust. Diesel exhaust has been identified as an air toxic by both US EPA and CARB. In 1998, CARB identified diesel particulate matter (PM) as a toxic air contaminant (TAC). To reduce public exposure to diesel PM, CARB adopted a Risk Reduction Plan in 2000. This plan contained a number of measures to reduce public exposure, including regulations on existing “in-use” equipment. Controls on “in use” equipment are needed because of the long life span of diesel engines, which can remain serviceable for decades.

What types of engines are subject to the rule?

All agricultural diesel engines over 50 HP are subject to the regulation on September 1st, 2008. The initial deadline of March 1, 2008 was extended by CARB to allow for additional public outreach. Affected engines include water pumps, diesel powered wind machines, generators, blowers and any other stationary, trailer or skid mounted diesel engine. Engines not used in agriculture are subject to similar existing regulations. Engines that provide motive power to a vehicle are not impacted by the program, but may be regulated by other new state regulations (see - www.arb.ca.gov/diesel/mobile.htm)

Besides registering what else do I need to do?

The regulation requires that engines be upgraded to reduce emissions. These requirements are phased in based on engine horsepower and age. In general newer engines will need to be upgraded later; older engines will need to be upgraded sooner. Some older engines may have to be replaced because they can not be retrofitted to meet the CARB emissions levels. “Remotely located engines” have reduced upgrade requirements because they are less likely to expose the public to air pollution. Some specific equipment may be exempt from the upgrade requirements – the District will review applications and notify applicants if they are exempt. There are no exemptions to

the registration requirement. Registrants will also need to provide usage (hour meter readings) information to the District on an annual basis.

How do I register?

The Mendocino County Air Quality Management District (MCAQMD) has developed a registration program for implementing the state requirements. This program was designed to be easy (i.e. affordable) for the District to implement and as simple as possible for the regulated community to understand. Applicants will need to fill out a short application form, provide a map showing the location of the pump and pay a fee to cover the cost of the first three years of registration. The District will then send a letter to document that the engine has been registered as required and outlining any upgrades that are required under the regulations. Each three years a renewal notice will be sent out for the registration for the next three years. The District may also inspect the engines after they are registered. The District chose to make the registrations valid for three years to minimize program costs and administrative expenses.

Registration applications are available from the District at (707) 463-4354 and online at www.co.mendocino.ca.us/aqmd

Who needs to register the engine?

Many local landowners use a vineyard management company, while these companies can act on behalf of the landowner – it is ultimately the landowner’s responsibility to register engines on his land. The District will not accept third-party registrations (registered to the management company), but a third party can fill out the application and have the owner sign it.

Ok so what will this cost?

The District receives no tax dollars so the cost of the permitting program must be covered by fees. To minimize the program cost the District greatly simplified the registration process. The fees are \$150 for the initial three year registration and \$75 for each three year renewal. Fees may be prorated during each three year cycle.

What happens if I forget to register?

When District staff locate an unregistered engine the District will contact the landowner and issue a Notice to Apply; this is a reminder that an application is required. Failure to respond to the Notice to Apply by the date on the notice will result in the issuance of a Notice of Violation and penalties. Typically penalties will be \$1,000 per day per violation, but can be higher and potentially include criminal charges.

What about low use (Frost protection) engines?

All engines must be registered regardless of use. The District is working with CARB right now to see if an exemption to the upgrade requirements will be possible for frost protection engines. The District had requested this exemption in the regulation development process and was denied, however recent actions by CARB have created a opportunity for a local exemption to the upgrade requirements for low use engines. The District will be working on this issue over the coming months.

Please feel free to contact the District at (707) 463-4354 with any questions or to receive an registration application.