



COMPLIANCE ADVISORY FOR STATIONARY AGRICULTURAL ENGINES Stationary Reciprocating Internal Combustion Engine (RICE) National Emission Standards for Hazardous Air Pollutants (NESHAPs)

The Butte County Air Quality Management District (District) is sending this advisory to inform you that your agricultural compression ignition (diesel) engine may be subject to a new federal U.S. Environmental Protection Agency (EPA) regulation, 40 CFR PART 63, SUBPART ZZZZ, known as the RICE NESHAP **if you ordered/installed your engine before June 12, 2006.**

The regulation becomes effective on May 3, 2013. This advisory summarizes the minimum, basic requirements; other options may exist to comply with this federal regulation.

If your engine is a compression ignition engine rated at 300 HP or less, you must conduct maintenance at **least annually** or the hours noted below if sooner:

- For non-emergency engines: **Change the oil and filter every 1,000 hours.**
- For emergency standby engines (used only for emergency situations and maintenance/testing): **Change the oil and filter every 500 hours.** (Engine must be equipped and operated with a non-resettable hour meter)
- **Inspect the air cleaner every 1,000 hours and replace as necessary.**
- **Inspect all hoses and belts every 500 hours and replace as necessary.**

When operating the engine, you must:

- **Minimize engine idling and limit engine start-up time for the duration needed for appropriate and safe start-up but not to exceed thirty (30) minutes.**
- **Operate the engine and control equipment, if applicable, in accordance with the manufacturer's written instructions or a maintenance plan which prescribes operational and maintenance procedures consistent with good air pollution control practice.**

You must keep the following records:

- For emergency engines: **The hours of emergency use and hours of non-emergency use (maintenance/testing) and the cause of any emergency use.**
- For all engines: **Keep the records of hours operation and all maintenance activities** (oil, air cleaner, hoses and belts) for 5 years following the date of each activity and make the records available to the APCO upon request. This can be done in the form of a handwritten log.

The RICE NESHAP does not apply to "newer" engines that were ordered on or after June 12, 2006 (newer engines are subject to other regulations at the time of manufacture). The RICE NESHAP applies only to stationary engines such as water well pump engines or emergency electricity generating engines. An engine that propels a car, truck, tractor, etc. is not subject to these requirements. Portable engines, such as spray rigs, air compressors, etc., are also not subject to these new requirements. The RICE NESHAP also applies to spark-ignited (SI) engines although the District does not currently have registration or permit requirements for agricultural SI engines.

If you have a compression ignition (diesel) engine rated at greater than 300 HP or a spark-ignited engine, please contact Riley Peacock ((530) 332-9400, ext. 107 or via email at rpeacock@bcaqmd.org) at the District for further guidance.