



ADVISORY

ADVISORY: IMPORTANT INFORMATION FOR OWNERS AND OPERATORS OF EMERGENCY USE STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)

The purpose of this advisory is to inform the regulated community about recent emergency engine requirements resulting from amendments to the RICE National Emission Standard for Hazardous Air Pollutants (NESHAP) (40 CFR part 63 subpart ZZZZ). These requirements apply to engines constructed prior to June 12, 2006. Below is a summary of the requirements.

- No limits on hours of operation for emergency service
- Maintenance checks & readiness testing limited to 100 hrs/yr
 - If engine is >500 HP, located at a major source, and installed prior to June 12, 2006, there is no limit on maintenance/testing hours
- 50 hrs/yr allowed for non-emergencies
 - Counts as part of the 100 hr/yr maintenance & testing limit
- Engine cannot be used for peak shaving or as part of financial arrangement with another entity, except 15 of the 50 non-emergency hrs/yr can be used for demand response in emergency situations (e.g., imminent blackout)
 - Engines that are >500 HP, located at a major source, and installed prior to June 12, 2006 do not have the allowance for 15 hours of demand response

Compression Ignition (CI) Engine

Meet the following compliance requirements by May 3, 2013:

- a) Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
- b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
- d) The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR Part 63, Subpart ZZZZ § 63.6625(h)]
[40 CFR Part 63.6630(a); Table 2d.4.; Subpart ZZZZ]

Spark Ignited (SI) Engine

Meet the following compliance requirements by October 19, 2013:

The owner/operator of this equipment shall demonstrate continuous compliance by committing to a maintenance schedule inclusive of the management practice requirements listed below:



- a. Change oil and oil filter every 500 hours of operation or annually, whichever comes first (source has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(j) in order to extend the specified oil change requirement.);
- b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and,
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
- d) The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR Part 63, Subpart ZZZZ § 63.6625(h)]
[40 CFR 63.6603(a) and 63.6640(a)]

For additional assistance please call 661-723-8070, ask for permitting/engineering.