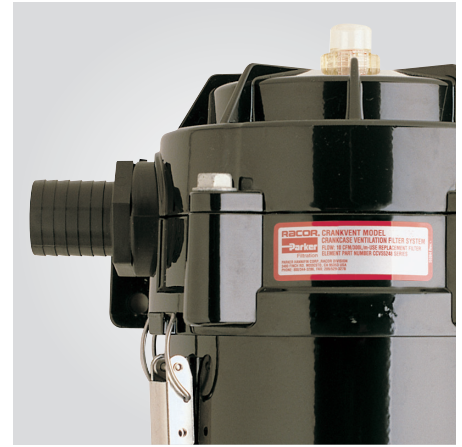


Crankcase Filtration

RICE NESHAP Rule 2013



The RICE NESHAP (Reciprocating Internal Combustion Engines National Emission Standards for Hazardous Air Pollutants) Rule has been passed. According to the U.S. Environmental Protection Agency, “the RICE NESHAP Rule requires implementation of a closed or open crankcase system that prevents crankcase emissions from being emitted to the atmosphere.”

Reference: page 31 section G of the RICE NESHAP final ruling.

<http://www.gpo.gov/fdsys/pkg/FR-2013-01-30/pdf/2013-01288.pdf>



What's Required

Engine Type	Compliance Requirements	300-600 HP	600-750 HP	750 HP -1,800HP **
Existing Non-Emergency CI Stationary Engines greater than 300 HP located at Area Sources <i>See reverse for details.</i>	Installation of an open or closed crankcase ventilation system if the engine did not originally have one.	Closed Unit ++ CCV6000-08R or L	Closed Units ++ CCV6000-08R or L	Closed Units ++ CCV12000-08R or L
		Installation Kits: 1) CCV55046 2) CCV55047 3) CCV55048 4) CCV55049	Installation Kits: 1) CCV55046 2) CCV55047 3) CCV55048 4) CCV55049	Installation Kits: 1) CCV55067 2) CCV55068 3) CCV55069

** For engines over 1,800HP please contact Racor for solutions.

++ For Open CV configurations please contact Racor technical support.

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ENGINEERING YOUR SUCCESS.

Only engines required to install an Open/Closed Crankcase System are Existing Non-Emergency CI Stationary Engines greater than 300 HP located at Area Sources to meet RICE NESHAP 2013 Ruling. **Installation must occur by May 3, 2014.**

Note: These engines will require an Oxidation Catalyst (control device) alongside a Crankcase System to meet RICE NESHAP. Some engines classified above may be exempted from compliancy. If you have the above mentioned engine classification and you do not install a CCV to meet the RICE NESHAP ruling by May 3, 2014, you could be fined ~\$600 per day per unit.

Statement Definitions:

Stationary Engine: Not used in a motor vehicle and not a non-road engine.

Non-road: Self propelled (tractors, bulldozers), Propelled while performing their function (lawn mower), Portable or transportable (has wheels, skids, carrying handles, dolly, trailer, platform). Portable non-road becomes stationary if it stays in one location for more than 12 months.

Existing: Construction/reconstruction commenced before June 12, 2006

Commenced Construction: Essentially, it means owner/operator has entered into a contractual obligation to undertake and complete, within a reasonable amount of time, a continuous program for the on-site installation of the engine. Construction does not include removal of all equipment...from an existing location and the reinstallation of such equipment at a new location.

Reconstruction: The replacement of components of an affected or a previously non-affected source to such an extent that (1) the fixed capital cost of the new components exceeds 50% of the fixed capital cost that would be required to construct a comparable new source; and (2) It is technologically and economically feasible for reconstructed source to meet the relevant standards established by the Administrator pursuant to section 112 of the Act. Upon reconstruction, an affected source, or a stationary source that becomes an affected source, is subject to relevant standards for new sources, including compliance dates, irrespective of any change in emissions of hazardous air pollutants from that source.

Non-Emergency: Engines that operate >100 hours per year or used in peak shaving programs or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity with the exception of emergency demand response where financial arrangements are limited to emergency power.

Compression Ignited (CI): Diesel Engine

HAP: Hazardous Air Particulate (SO₂, CO, NO_x, O₃, Pb, PM₁₀/PM_{2.5})

Area Sources: Any source that is not a source with greater than 10 tons per year of any single HAP or 25 tons per year of combined HAP's.

Determine what classification your engine is by contacting your local Air Quality Permitter that issues your permits to operate the engine. The REG NAV is another tool available on the EPA Website to determine engine classification.
<http://www.epa.gov/ttn/atw/rice/output/quiz.html>