

RICE NESHAP Summary of Requirements¹

Landfill/Digester Gas

New & Reconstructed Stationary Engine

Located at Area Source of HAP, constructed on or after June 12, 2006

Requirements: Engines are subject to 40 CFR part 60, [subpart IIII](#) (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines) or [subpart JJJJ](#) (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines), as applicable.

Per 40 CFR 60.4219:

Compression ignition means relating to a type of stationary internal combustion engine that is not a spark ignition engine.

Spark ignition means relating to a gasoline, natural gas, or liquefied petroleum gas fueled engine or any other type of engine with a spark plug (or other sparking device) and with operating characteristics significantly similar to the theoretical Otto combustion cycle. Spark ignition engines usually use a throttle to regulate intake air flow to control power during normal operation. Dual-fuel engines in which a liquid fuel (typically diesel fuel) is used for CI and gaseous fuel (typically natural gas) is used as the primary fuel at an annual average ratio of less than 2 parts diesel fuel to 100 parts total fuel on an energy equivalent basis are spark ignition engines.

¹ Disclaimer: The content provided in this software tool is intended solely as assistance for potential reporters to aid in assessing requirements for compliance under the reciprocating internal combustion engines (RICE) National Emissions Standards for Hazardous Air Pollutants, 40 CFR Part 63 Subpart ZZZZ. Any variation between the rule and the information provided in this tool is unintentional, and, in the case of such variations, the requirements of the rule govern. Use of this tool does not constitute an assessment by EPA of the applicability of the rule to any particular facility. In any particular case, EPA will make its assessment by applying the law and regulations to the specific facts of the case.