

RICE NESHAP Summary of Requirements¹

Non-Emergency Compression Ignition

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).

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.

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