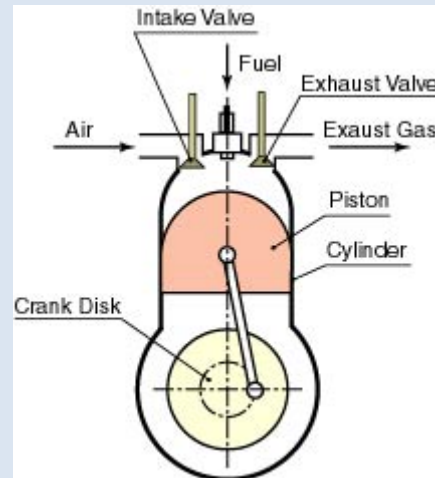
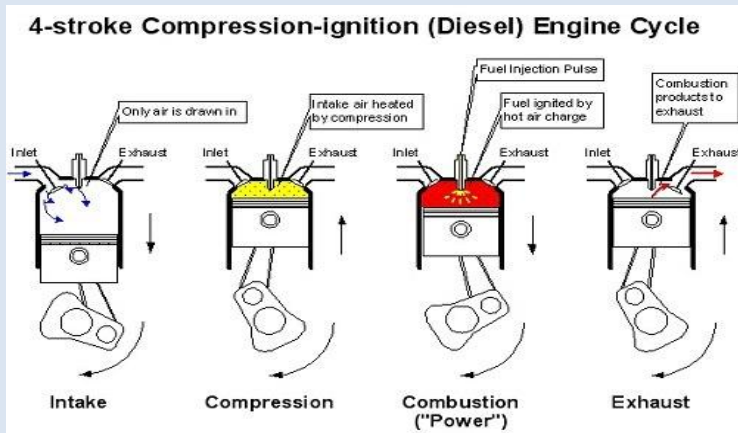


# Guidelines for Emergency Use Stationary Engines

New\* Compression-Ignition Engines Exempt from Permitting but Complying with 40 CFR 60, Subpart IIII

## Images of Compression-Ignition Engine and Engine Cycle



### Certification Requirement:

- Engine must be certified by manufacturer.
- Certification by the manufacturer ensures that the engine complies with EPA emission standards\*\*.

### Fuel Requirements:

- Total fuel usage for unpermitted engines  $\leq 64,000$  gallons/year.
- Diesel fuel only
- The diesel fuel must meet:
  - $\leq 15$  ppm sulfur content
  - Cetane index  $\geq 40$  or Aromatic content  $\leq 35$  percent by volume

### Operating Hours:

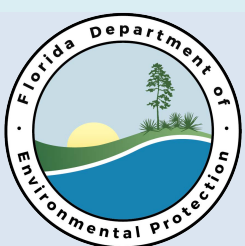
- Unlimited for emergency use situations
- Up to 100 hours per year for maintenance checks and readiness testing
  - Of the 100 hours, up to 50 hours can be for non-emergency situations

### Operating Requirements:

- Engine and control device must be installed, configured, operated, and maintained according to manufacturer's emission-related instructions so that the engine achieves the emission standards over the entire life of the engine.
- Only those emission-related settings that are permitted by the manufacturer may be changed.
- Engine must have a non-resettable hour meter installed to track its hours of operation.
- If the engine includes a particulate filter, it must have a back pressure monitor that notifies the operator when high backpressure limit of engine is approached.

### Recordkeeping Requirements:

- Facility must keep records of corrective actions taken after backpressure monitor notification indicates backpressure limit has been approached.



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\*New is defined as an engine that was manufactured after June 12, 2006.

\*\*Non-certified engines must conduct performance testing to demonstrate compliance with the EPA emission standards in accordance with 40 CFR 60 Subpart IIII.

DISCLAIMER: This poster is for guidance purposes only. It is not official rule language and does not include a comprehensive listing of all environmental regulations that may be applicable to emergency use stationary engines.