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Definitions - Engines

Section 211.740 Brakehorsepower (rated-bhp)

“Brakehorsepower (bhp)” means the rated horsepower capacity of the engine as defined on the engine nameplate at standard conditions.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.1740 Diesel Engine

“Diesel engine” means for the purposes of 35 Ill. Adm. Code 217, Subpart Q, a compression ignited two- or four-stroke engine in which liquid fuel injected into the combustion chamber ignites when the air charge is compressed to a temperature sufficiently high for auto-ignition.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.1920 Emergency or Standby Unit

“Emergency or Standby Unit” means, for a stationary gas turbine or stationary reciprocating internal combustion engine, a unit that:

- a) Supplies power for the source at which it is located but operates only when the normal supply of power has been rendered unavailable by circumstances beyond the control of the owner or operator of the source and only as necessary to assure the availability of the engine or turbine. An emergency standby unit may not be operated to supplement a primary power source when the load capacity or rating of the primary power source has been reached or exceeded.;
- b) Operates exclusively for firefighting or flood control or both.;

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- c) Operates in response to and during the existence of any officially declared disaster or state of emergency.
- d) Operates for the purpose of testing, repair or routine maintenance to verify its readiness for emergency standby use.

The term does not include equipment used for purposes other than emergencies, as described above, such as to supply power during high electric demand days.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 211.3300 Lean-Burn Engine

“Lean-burn engine” means any spark-ignited engine that is not a rich-burn engine.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.5650 Rich-Burn Engine

“Rich-burn engine” means a spark-ignited engine where the oxygen content in the exhaust stream of the engine before any dilutions is 1 percent or less by volume measured on a dry basis.

(Source: Added at ___ Ill. Reg. _____, effective _____)