

30 TAC 117 Subchapter D, Division 2 Minor Source NO_x Rule

The applicability for 30 TAC 117 Subchapter D, Division 2 is for gas, diesel, and dual-fuel fired stationary internal combustion engines at any stationary source that is not a major source of NO_x in the DFW ozone nonattainment area.

Affected units & NO_x emission specifications include:

Engines

- All stationary engines except for engines:
 - less than 50 hp,
 - used for research & testing,
 - used for performance verification & testing,
 - used solely to power other engines or gas turbines during startup,
 - used exclusively for emergency, except for 100 hours/year for testing/maintenance (excluding new, modified, reconstructed, or relocated diesel engines placed into service after 6/1/07),
 - used for officially declared disaster/state of emergency,
 - used for directly/exclusively for agricultural operations for growing crops/raising animals,
 - diesel engines placed into service before 6/1/07 operating < 100 hr/yr and haven't been modified, reconstructed, or relocated on or after 6/1/07,
 - new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after 6/1/07 that operates < 100 hr/yr in other than emergencies, and meets emission specifications for non-road engines in 40 CFR 89.112(a).

- Emissions Specifications:

Stationary gas-fired engines:

Rich-burn gas-fired engines

- landfill gas-fired 0.60 gram/hp-hr
- all other gas-fired 0.50 gram/hp-hr

- Lean-burn gas-fired engines placed into service before June 1, 2007, 0.70 gram/hp-hr.

- Lean-burn gas-fired engines placed into service on or after 6-1-07:

- landfill gas-fired 0.60 gram/hp-hr
- all other gas-fired 0.50 gram/hp-hr

Stationary dual-fuel engines:

- Dual-fueled engines 5.83 gram/hp-hr

Diesel-fired engines:

- Placed into service before 3/01/09, not modified, reconstructed or relocated after 3/01/09, 11.0 g/hp-hr.

- All other diesel engines:

engines between 50 - 100 hp & installed, modified, reconstructed or relocated after 3/1/09 3.3 g/hp-hr

engines between 100 - 750 hp 2.8 g/hp-hr

engines between 750 or greater hp 4.5 g/hp-hr

Alternative Emission Specification

Units with annual capacity factor of 0.0383 or less, 0.060 lb/MMBtu.

Compliance Dates: Rich-burn gas-fired, diesel, and dual-fuel stationary engines NLT March 1, 2009. Lean-burn stationary gas-fired engines NLT March 1, 2010.