

Emission Requirements for Non-Emergency Stationary Engines

Displacement	Power	Model Year	Emission Certification
D < 10 liter per cylinder	≤ 3000 HP	2007 +	Nonroad Tier 2,3 & 4
	> 3000 HP	2007 to 2010	Nonroad Tier 1
		2011 +	Nonroad Tier 2,3 & 4
10 < D < 30 liter per cylinder	All	2007 +	Marine Tier 2
≥ 30 liters per cylinder	All	2007 +	NOx reduce by 90% or limited to 1.6 g/kWh (1.2 g/hp-hr) PM reduced by 60% or limited to .15 g/kWh (.11 g/hr-hr)

Generator Set Tier 4 Emission Standards - Engines Above 560 kW

Year	Category	Carbon Monoxide (CO)	Non-Methane Hydrocarbons (NMHC)
2011 - 2014	Generator Sets > 900 kW	3.5 g/kWh (2.6 g/bhp-hr)	.40 g/kWh (.30 g/bhp-hr)
	All engines except gensets > 900 kW	3.5 g/kWh (2.6 g/bhp-hr)	.40 g/kWh (.30 g/bhp-hr)
2015	Generator sets	3.5 g/kWh (2.6 g/bhp-hr)	.19 g/kWh (.14 g/bhp-hr)
	All engines except gensets	3.5 g/kWh (2.6 g/bhp-hr)	.19 g/kWh (.14 g/bhp-hr)