

Table 7: Emission Standard for Gas based Power Station

Gas Based Power Plants includes plants having Gas Turbine (burning Natural Gas or any liquid fuel like Naptha, HSD, FO, etc.) or plants burning natural gas in a conventional boiler.	
A. For Existing Units	
Limit for Total NO _x emission	100 ppm (v/v) at 15% excess oxygen for all plants
B. For New Units (w.e.f. 01/01/1997)	
Power output from Gas Turbine	Limit for Total NO_x emission (v/v) at 15% excess oxygen
400 MW & above	i) 50 ppm for the plants burning Natural Gas ii) 100 ppm for the plants burning Liquid Fuels.
< 400 MW / > 100 MW	i) 75 ppm for the plants burning Natural Gas ii) 100 ppm for the plants burning Liquid Fuels.
< 100 MW	100 ppm for all plants
C. Plants burning Gas in a conventional boiler for steam.	
NO _x emission	100 ppm (v/v) at 15% excess oxygen.