

Environmental Standards

Emission

EMISSION STANDARDS (G/KW HR) FOR NEW GENSETS (UP TO 19 KILOWATT, KEROSENE AND PETROL BASED) WITH IMPLEMENTATION SCHEDULE

A. From June 1, 2000

Class	Displacement (cc)	CO (g/kw-hr)		HC + NOx (g/kw-hr)	
		2-stroke engine	4-stroke engine	2-stroke engine	4-stroke engine
1	<65	603	623	166	65
2	>65<99	-	623	-	36
3	>99<225	-	623	-	19.3
4	>225	-	623	-	16.1

B. From June 1, 2001

Class	Displacement (cc)	CO (g/kw-hr)	HC + NOx (g/kw-hr)
1	<65	519	54
2	>65<99	519	30
3	>99<225	519	16.1
4	>225	519	13.4

C. Test method shall be as specified in SAE J 1088. Measurement mode shall be D1 cycle specified under ISO 8178 (weighting factor of 0.3 for 100% load, 0.5 for 75% load and 0.2 for 50% load)

D. Following organisations are recommended for testing and certifying the gensets:

- i. Automotive Research Association of India, Pune
- ii. Indian Institute of Petroleum, Dehradun
- iii. Indian Oil Corporation (R & D Centre), Faridabad
- iv. Vehicle Research Development Establishment, Ahmednagar

Source : EPA, 1986
GSR 682 (E), dated Oct. 5, 1999]
