

**Table 5. Limit values (stage II) for diesel engines for non-road mobile machines (measurement procedure ISO 8178)**

Net power (P) (kW)	To be applied from a/	Carbon monoxide (g/kWh)	Hydrocarbons (g/kWh)	Nitrogen oxides (g/kWh)	Particulate matter (g/kWh)
130 P < 560	31.12.2001	3.5	1.0	6.0	0.2
75 P < 130	31.12.2002	5.0	1.0	6.0	0.3
37 P < 75	31.12.2003	5.0	1.3	7.0	0.4
18 P < 37	31.12.2000	5.5	1.5	8.0	0.8

a/ With effect from the given dates and with the exception of machinery and engines intended for export to countries that are not parties to the present Protocol, Parties shall permit the registration, where applicable, and placing on the market of new engines, whether or not installed in machinery, only if they meet the limit values set out in the table. Type approval for an engine type or family shall be refused with effect from twelve months prior to these dates if it fails to meet the limit values.

**Table 6. Limit values for motorcycles and 3- and 4-wheelers (> 50 cm<sup>3</sup>; > 45 km/h) to be applied from 17 June 1999 a/**

Engine type	Limit values
2-stroke	CO = 8 g/km
	HC = 4 g/km
	NO <sub>x</sub> = 0,1 g/km
4-stroke	CO = 13 g/km
	HC = 3 g/km

a/ Type approval shall be refused as from the given date if the vehicle's emissions do not meet the limit values.

Note: For 3- and 4-wheelers, the limit values have to be multiplied by 1.5.

**Table 7. Limit values for mopeds ( 50 cm<sup>3</sup>; < 45 km/h)**

Phase	Date d'application a/	Valeurs limites	
		CO (g/km)	HC + NO <sub>x</sub> (g/km)
I	17.6.1999	6.0 b/	3.0 b/
II	17.6.2002	1.0 c/	1.2

a/ Type approval shall be refused as from the given dates if the vehicle's emissions do not meet the limit values.

b/ For 3- and 4-wheelers, multiply by 2.

c/ For 3- and 4-wheelers, 3.5 g/km.