

b/ With effect from the given dates and except for vehicles and engines intended for export to countries that are not parties to the present Protocol and for replacement engines for vehicles in use, Parties shall prohibit the registration, sale, entry into service or use of new vehicles propelled by a compression-ignition or gas engine and the sale and use of new compression-ignition or gas engines if their emissions do not comply with the respective limit values. With effect from twelve months prior to these dates, type approval may be refused if the limit values are not complied with.

c/ For natural gas engines only.

d/ Not applicable to gas-fuelled engines at stage A and stages B1 and B2.

e/ For engines with a swept volume below 0.75 dm³ per cylinder and a rated power speed above 3000 revolutions per minute.

Table 4. Limit values (stage I) 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)	Hydrocarbo ns (g/kWh)	Nitrogen oxides (g/kWh)	Particulate matter (g/kWh)
130 P < 560	31.12.1998	5.0	1.3	9.2	0.54
75 P < 130	31.12.1998	5.0	1.3	9.2	0.70
37 P < 75	31.03.1998	6.5	1.3	9.2	0.85

a/ With effect from the given date 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 30 June 1998 if it fails to meet the limit values.

Note: These limits are engine-out limits and shall be achieved before any exhaust after-treatment service.