

g/ Until 1 January 2003 vehicles in this category fitted with compression-ignition engines that are non-road vehicles and vehicles with a maximum mass of more than 2,000 kg which are designed to carry more than six occupants, including the driver, shall be considered as vehicles in category N1, class III, in row A.

Table 2. Limit values for heavy-duty vehicles - European steady-state cycle (ESC) and European load-response (ELR) tests

Row	To be applied from a/	Carbon monoxide (g/kWh)	Hydrocarbons (g/kWh)	Nitrogen oxides (g/kWh)	Particulates (g/kWh)	Smoke (m ⁻¹)
A	1.10.2001	2.1	0.66	5.0	0.10 / 0.13 ^{b/}	0.8
B1	1.10.2006	1.5	0.46	3.5	0.02	0.5
B2	1.10.2009	1.5	0.46	2.0	0.02	0.5

a/ 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.

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

Table 3. Limit values for heavy-duty vehicles - European transient cycle (ETC) test a/

Row	To be applied from b/	Carbon monoxide (g/kWh)	Non-methane hydrocarbons (g/kWh)	Methane c/ (g/kWh)	Nitrogen oxides (g/kWh)	Particulates d/
A (2000)	1.10.2001	5.45	0.78	1.6	5	0.16 / 0.21 e/
B1 (2005)	1.10.2006	4	0.55	1.1	3.5	0.03
B2 (2008)	1.10.2009	4	0.55	1.1	2	0.03

a/ The conditions for verifying the acceptability of the ETC tests when measuring the emissions of gas-fuelled engines against the limit values applicable in row A shall be re-examined and, where necessary, modified in accordance with the procedure laid down in article 13 of Directive 70/156/EEC.