

[^{F1}ANNEX 0

EMISSION LIMITS

Textual Amendments

- F1** Inserted by Directive 2006/38/EC of the European Parliament and of the Council of 17 May 2006 amending Directive 1999/62/EC on the charging of heavy goods vehicles for the use of certain infrastructures.

1. 'EURO 0' vehicle

Mass of carbon monoxide (CO) g/kWh	Mass of hydrocarbons (HC) g/kWh	Mass of nitrogen oxides (NOx) g/kWh
12,3	2,6	15,8

2. 'EURO I'/'EURO II' vehicles

	Mass of carbon monoxide (CO) g/kWh	Mass of hydrocarbons (HC) g/kWh	Mass of nitrogen oxides (NOx) g/kWh	Mass of particulates (PT) g/kWh
'EURO I' vehicle	4,9	1,23	9,0	0,4 ^a
'EURO II' vehicle	4,0	1,1	7,0	0,15

- a** A coefficient of 1,7 is applied to the particulate emission limit value in the case of engines with a power rating of 85 kW or less.

3. 'EURO III'/'EURO IV'/'EURO V'/'EEV' vehicles

The specific masses of carbon monoxide, total hydrocarbons, nitrogen oxides and particulates, determined by the ESC test and the exhaust gas opacity, determined by the ELR test, must not exceed the following values^a:

	Mass of carbon monoxides (CO) g/kWh	Mass of hydrocarbons (HC) g/kWh	Mass of nitrogen oxides (NOx) g/kWh	Mass of particulates (PT) g/kWh	Exhaust gas m ⁻¹
'EURO III' vehicle	2,1	0,66	5,0	0,1 ^b	0,8
'EURO IV' vehicle	1,5	0,46	3,5	0,02	0,5
'EURO V' vehicle	1,5	0,46	2,0	0,02	0,5

- a** A test cycle consists of a sequence of test points, each point being defined by a speed and a torque which the engine must respect in steady state (ESC test) or transient operating conditions (ETC and ELR tests).

- b** 0,13 for engines whose unit cylinder capacity is less than 0,7 dm³ and the nominal speed is in excess of 3 000 min⁻¹.

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

'EEV' vehicle	1,5	0,25	2,0	0,02	0,15
a	A test cycle consists of a sequence of test points, each point being defined by a speed and a torque which the engine must respect in steady state (ESC test) or transient operating conditions (ETC and ELR tests).				
b	0,13 for engines whose unit cylinder capacity is less than 0,7 dm ³ and the nominal speed is in excess of 3 000 min ⁻¹ .				

4. Future emission classes of vehicles as defined in Directive 88/77/EEC and subsequent amendments may be considered.]