

Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EC) No 692/2008, ANNEX XVII. (See end of Document for details)

ANNEX XVII

AMENDMENTS TO REGULATION (EC) No 715/2007

Regulation (EC) No 715/2007 is amended as follows:

1. The following paragraph 6 shall be added to Article 10:
6. The 5,0 mg/km emission limit for mass of particulate matter referred to in Tables 1 and 2 of Annex I shall be effective from the applicable dates set out in paragraphs 1, 2 and 3.

The 4,5 mg/km emission limit for mass of particulate matter and the particle number limit referred to in Tables 1 and 2 of Annex I shall be effective from 1 September 2011 for the type-approval on new types of vehicles and from 1 January 2013 for all new vehicles sold, registered or put into service in the Community.

2. Tables 1 and 2 of Annex I are replaced by the following tables:

TABLE 1

Euro 5 Emission Limits

Category	Class	Reference mass (kg)	Reference limit values													
			Mass of carbon monoxide (CO)		Mass of total hydrocarbons (THC)		Mass of non-hydrocarbons (NMHC)		Mass of oxides of nitrogen (NO _x)		Combined mass of hydrocarbons and oxides of nitrogen (THC + NO _x)		Mass of particulate matter ^a (PM)		Number of particles ^b (P)	
			L ₁ (mg/km)	L ₂ (mg/km)	L ₂ (mg/km)	L ₃ (mg/km)	L ₃ (mg/km)	L ₄ (mg/km)	L ₄ (mg/km)	L ₂ + L ₄ (mg/km)	L ₂ + L ₄ (mg/km)	L ₅ (mg/km)	L ₅ (mg/km)	L ₆ (#/km)	L ₆ (#/km)	
PI	CI	PI	CI	PI	CI	PI	CI	PI	CI	PI	CI	PI ^c	CI	PI	CI	
M	—	All	1 000	500	100	—	68	—	60	180	—	230	5,0/4,5	5,0/4,5	—	6,0 × 10 ¹¹
N ₁	I	RM ≤ 1 305	1 000	500	100	—	68	—	60	180	—	230	5,0/4,5	5,0/4,5	—	6,0 × 10 ¹¹
	II	1 305 < RM ≤ 1 760	1 810	630	130	—	90	—	75	235	—	295	5,0/4,5	5,0/4,5	—	6,0 × 10 ¹¹

a A revised measurement procedure shall be introduced before the application of the 4,5 mg/km limit value.

b A new measurement procedure shall be introduced before the application of the limit value.

c Positive ignition particulate mass standards shall apply only to vehicles with direct injection engines.

Key: PI = Positive Ignition, CI = Compression Ignition

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	III	1 760 < RM	2 270	740	160	—	108	—	82	280	—	350	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹
N ₂	—	All	2 270	740	160	—	108	—	82	280	—	350	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹

a A revised measurement procedure shall be introduced before the application of the 4,5 mg/km limit value.

b A new measurement procedure shall be introduced before the application of the limit value.

c Positive ignition particulate mass standards shall apply only to vehicles with direct injection engines.

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TABLE 2

Euro 6 Emission Limits

Category	Class	Reference limit values																
		Reference mass (kg)	Mass of carbon monoxide (CO)		Mass of total hydrocarbons (THC)		Mass of non-hydrocarbons (NMHC)		Mass of nitrogen oxides (NO _x)		Combined mass of hydrocarbons and nitrogen oxides (THC + NO _x)		Mass of particulate matter ^a (PM)		Number of particles ^b (P)			
			L ₁ (mg/km)	PI	CI	L ₂ (mg/km)	PI	CI	L ₃ (mg/km)	PI	CI	L ₄ (mg/km)	PI	CI	L _{2+L₄} (mg/km)	PI ^c	CI	L ₅ (mg/km)
M	—	All	1 000	500	100	—	68	—	60	80	—	170	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹			
N ₁	I	RM ≤ 1 305	1 000	500	100	—	68	—	60	80	—	170	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹			
	II	1 305 < RM ≤ 1 760	1 810	630	130	—	90	—	75	105	—	195	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹			

a A revised measurement procedure shall be introduced before the application of the 4,5 mg/km limit value.

b A number standard is to be defined for this stage for positive ignition vehicles.

c Positive ignition particulate mass standards shall apply only to vehicles with direct injection engines.

d A number standard shall be defined before 1 September 2014.

e A new measurement procedure shall be introduced before the application of the limit value.

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	III	1 760 < RM	2 270	740	160	—	108	—	82	125	—	215	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹
N ₂	—	All	2 270	740	160	—	108	—	82	125	—	215	5,0/4,5	5,0/4,5	6,0 × 10 ¹¹

a A revised measurement procedure shall be introduced before the application of the 4,5 mg/km limit value.

b A number standard is to be defined for this stage for positive ignition vehicles.

c Positive ignition particulate mass standards shall apply only to vehicles with direct injection engines.

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