

European emission standards for passenger cars (Category M)*, g/km

Tier	Date (Type Approval)	Date (First Registration)	CO	THC	NMHC	NO _x	HC+NO _x	PM	PN [# /km]
Diesel									
Euro 1+	July 1992	January 1993	2.72 (3.16)	-	-	-	0.97 (1.13)	0.14 (0.18)	-
Euro 2	January 1996	January 1997	1.0	-	-	-	0.7	0.08	-
Euro 3	January 2000	January 2001	0.66	-	-	0.50	0.56	0.05	-
Euro 4	January 2005	January 2006	0.50	-	-	0.25	0.30	0.025	-
Euro 5a	September 2009	January 2011	0.50	-	-	0.180	0.230	0.005	-
Euro 5b	September 2011	January 2013	0.50	-	-	0.180	0.230	0.0045	6×10 ¹¹
Euro 6b	September 2014	September 2015	0.50	-	-	0.080	0.170	0.0045	6×10 ¹¹
Euro 6c	-	September 2018	0.50	-	-	0.080	0.170	0.0045	6×10 ¹¹
Euro 6d- Temp	September 2017	September 2019	0.50	-	-	0.080	0.170	0.0045	6×10 ¹¹
Euro 6d	January 2020	January 2021	0.50	-	-	0.080	0.170	0.0045	6×10 ¹¹
Petrol (Gasoline)									
Euro 1+	July 1992	January 1993	2.72 (3.16)	-	-	-	0.97 (1.13)	-	-
Euro 2	January 1996	January 1997	2.2	-	-	-	0.5	-	-
Euro 3	January 2000	January 2001	2.3	0.20	-	0.15	-	-	-

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Euro 4	January 2005	January 2006	1.0	0.10	-	0.08	-	-	-
Euro 5a	September 2009	January 2011	1.0	0.10	0.068	0.060	-	0.0045*	-
Euro 5b	September 2011	January 2013	1.0	0.10	0.068	0.060	-	0.0045**	-
Euro 6b	September 2014	September 2015	1.0	0.10	0.068	0.060	-	0.0045**	6×10 ¹¹ **
Euro 6c	-	September 2018	1.0	0.10	0.068	0.060	-	0.0045**	6×10 ¹¹
Euro 6d- Tem p	September 2017	September 2019	1.0	0.10	0.068	0.060	-	0.0045**	6×10 ¹¹
Euro 6d	January 2020	January 2021	1.0	0.10	0.068	0.060	-	0.0045**	6×10 ¹¹

* Before Euro 5, passenger vehicles > 2500 kg were type approved as light commercial vehicles N₁ Class I

** Applies only to vehicles with direct injection engines

*** 6×10¹²/km within first three years from Euro 6b effective dates

† Values in parentheses are conformity of production (COP) limits