

Emission Standards

The following table contains a summary of the emission standards and their implementation dates. Dates in the tables refer to new type approvals; the dates for all type approvals are in most cases one year later (EU type approvals are valid longer than one year).

Tier	Date	Test	CO	HC	NO _x	PM	Smoke	
Euro I	1992, < 85 kW	<u>ECE R-49</u>	4.5	1.1	8.0	0.612		
	1992, > 85 kW		4.5	1.1	8.0	0.36		
Euro II	1996.10		4.0	1.1	7.0	0.25		
	1998.10		4.0	1.1	7.0	0.15		
Euro III	1999.10, <i>EEVs only</i>		<u>ESC & ELR</u>	1.5	0.25	2.0	0.02	0.15
	2000.10		<u>ESC & ELR</u>	2.1	0.66	5.0	0.10 0.13 ^a	0.8
Euro IV	2005.10	<u>ESC & ELR</u>	1.5	0.46	3.5	0.02	0.5	
Euro V	2008.10		1.5	0.46	2.0	0.02	0.5	
Euro VI	2013.01		1.5	0.13	0.4	0.01		

a - for engines of less than 0.75 dm³ swept volume per cylinder and a rated power speed of more than 3000 min⁻¹