

ACEM Position on the revision of directive 2009/40/EC on roadworthiness tests for motor vehicles

Proposed modifications to Annex II of Directive 2010/48, 8.

8.1. Noise		
8.1.1. Noise suppression system	Subjective evaluation (unless the inspector considers that the noise level may be borderline, in which case a standing noise test using a noise meter may be conducted)	<p>(a) Noise levels in excess of those permitted in the requirements ^(a).</p> <p>(b) Any part of the noise suppression system loose, likely to fall off, damaged, incorrectly fitted, missing or obviously modified in a way that would adversely affect the noise levels or without required approval marks.</p>
8.2. Exhaust emissions		
8.2.1. Petrol engine emissions		
8.2.1.1. Exhaust emissions control equipment	Visual inspection	<p>(a) Emission control equipment fitted by the manufacturer absent, modified or obviously defective or without required approval marks.</p> <p>(b) Leaks which would affect emission measurements</p>
8.2.1.2. Gaseous emissions	<p>Measurement using an exhaust gas analyser in accordance with the requirements ^(a).</p> <p>Alternatively, for vehicles equipped with suitable on-board diagnostic systems, the proper functioning of the emission system can be checked by appropriate reading of the OBD device and checks on the proper functioning of the OBD system in place of emission measurements at engine idle in accordance with the manufacturer's conditioning recommendations and other requirements ^(a).</p>	<p>(a) Either, gaseous emissions exceed the specific levels given by the manufacturer: ⁽⁶⁾</p> <p>(b) Or, if this information is not available, the CO emissions exceed,</p> <p>i) for vehicles not controlled by an advanced emission control system,</p> <p>— 4,5 % ⁽⁶⁾, or,</p> <p>— 3,5 %, according to the date of first registration or use specified in requirements ^(a).</p> <p>ii) for vehicles controlled by an advanced emission control system,</p> <p>— at engine idle: 0,5 %,</p> <p>— at high idle: 0,3 %,</p>

		<p>or</p> <p>— at engine idle: 0,3 % ⁽⁷⁾</p> <p>⁽⁶⁾</p> <p>— at high idle: 0,2 %, according to the date of first registration or use specified in requirements ^(a).</p> <p>(c) Lambda outside the range $1 \pm 0,03$ or not in accordance with the manufacturer's specification</p> <p>(d) OBD readout indicating significant malfunction</p>
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(¹) Inappropriate repair or modification means a repair or modification that adversely affects the road safety of the vehicle or has a negative effect on the environment.

(²) 48 % for vehicles not fitted with ABS or type approved before 1 October 1991.

(³) 45 % for vehicles registered after 1988 or from the date specified in requirements whichever is the later.

(⁴) 43 % for semi-trailers and draw-bar trailers registered after 1988 or from the date in requirements whichever is the later.

(⁵) 2,2 m/s² for N1, N2 and N3 vehicles.

(⁶) 8.2.1.2. (a) and (b) i) are applicable in case of gaseous emissions testing of category L vehicles

(⁷) ~~(⁶)~~ Type-approved according to limits in row A or B section 5.3.1.4. of Annex I to Directive 70/220/EEC as amended by Directive 98/69/EC or later or first registered or put into service after 1 July 2002.

(⁸) ~~(⁷)~~ Type approved according to limits in row B section 5.3.1.4. of Annex I to Directive 70/220/EEC as amended by Directive 98/69/EC or later; row B1, B2 or C section 6.2.1 of Annex I to Directive 88/77/EEC as amended by Directive 1999/96/EC or later or first registered or put into service after 1 July 2008.

Notes:

(^a) 'requirements' are laid down by type-approval requirements at the date of approval, first registration or first entry into service as well as retrofitting obligations or national legislation in the country of registration.

(^b) (X) Identifies items which are related to the condition of the vehicle and its suitability for use on the road but which are not considered essential in a periodic inspection

(^c) (XX) This reason for failure only applies if testing is required by national legislation.'