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World Forum for Harmonization of Vehicle Regulations (WP.29)
(One-hundred-and-thirty-second session, 9-12 March 2004,
agenda items 6.3. and B3.4.)

AGREEMENT CONCERNING THE ADOPTION OF UNIFORM CONDITIONS
FOR PERIODICAL TECHNICAL INSPECTIONS OF WHEELED VEHICLES AND THE
RECIPROCAL RECOGNITION OF SUCH INSPECTIONS

**PROPOSAL FOR DRAFT AMENDMENTS TO THE PROPOSAL FOR DRAFT
ADDENDUM 2 - RULE NO. 2: UNIFORM PROVISIONS FOR PERIODICAL
TECHNICAL INSPECTIONS OF WHEELED VEHICLES WITH REGARD TO THEIR
ROADWORTHINESS**

Transmitted by the Working Party on Lighting and Light-Signalling (GRE)

Note: The text reproduced below was agreed by GRE at its fifty-first session and contains editorial comments to item 4 of the proposal for draft Rule No. 2. It is submitted to WP.29 and AC.4 for consideration and refers to document TRANS/WP.29/2003/16 (TRANS/WP.29/GRE/51, para. 54).

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The annex, item 4., amend to read:

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Item	Method	Principal reasons for rejection
4. LAMPS, REFLECTORS AND ELECTRICAL EQUIPMENT		
4.1. Headlamps		
4.1.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective or cracked lens. (c) Lamp, emitted colour, position or intensity not in accordance with the regulations. 2/ (d) Lamp not securely attached. (e) Products on lens or light source which reduce light intensity or change emitted colour.
4.1.2. Alignment	Determine the horizontal and vertical aim of each headlamp on both main and dipped beam visually or by using a headlamp aiming device.	Aim of a headlamp not within limits laid down in the regulations. 2/
4.1.3. Switching	Visual inspection and by operation.	(a) Number of headlamps illuminated at the same time not in accordance with the regulations. 2/ (b) Simultaneous illumination of marking devices with headlamps in accordance with the regulations. 2/ (c) Function of control device impaired.
4.1.4. Compliance with regulations 2/	Visual inspection and by operation.	Lamp, emitted colour, position or intensity not in accordance with the regulations. 2/
4.1.5. Levelling devices (where mandatory) (X) 7/	Visual inspection and by operation.	(a) Device not operating. (b) Manual device cannot be operated from driver's seat.
4.1.6. Headlamp washers (where mandatory) (X) 7/	Visual inspection and by operation.	Washer not operating.
4.2. Front and rear position lamps, side marker lamps and end outline marker lamps		
4.2.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective lens. (c) Lamp not securely attached.
4.2.2. Compliance with regulations 2/	Visual inspection and by operation.	(a) Lamp, emitted colour, position or intensity not in accordance with the regulations. 2/ (b) Products on lens or light source which reduce light intensity or change emitted colour. (c) Switch does not operate in accordance with the regulations. 2/

Item	Method	Principal reasons for rejection
4.3. Stop Lamps		
4.3.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective or cracked lens. (c) Lamp not securely attached.
4.3.2. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	(a) Lamp, emitted colour, position or intensity not in accordance with the regulations. <u>2/</u> (b) Switch does not operate in accordance with the regulations. <u>2/</u>
4.4. Direction indicator and hazard warning lamps		
4.4.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective or cracked lens. (c) Lamp not securely attached.
4.4.2. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	Lamp, emitted colour, position or intensity not in accordance with the regulations. <u>2/</u>
4.4.3. Switching	Visual inspection and by operation.	Switch does not operate in accordance with the regulations. <u>2/</u>
4.4.4. Flashing frequency	Visual inspection and by operation.	Rate of flashing not in accordance with the regulations. <u>2/</u>
4.5. Front and rear fog lamps		
4.5.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective or cracked lens. (c) Lamp not securely attached. (d) Front fog lamp out of alignment
4.5.2. Switching	Visual inspection and by operation.	(a) Number of front or rear fog lamps illuminated at the same time not in accordance with the regulations. <u>2/</u> (b) Simultaneous illumination of marking devices with front fog lamp in accordance with the regulations. <u>2/</u> (c) Function of control devices impaired.
4.5.3. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	(a) Lamp, emitted colour, position or intensity not in accordance with the regulations. <u>2/</u> (b) Defective or cracked lens. (c) System does not operate in accordance with the regulations. <u>2/</u>
4.6. Reversing lamps		
4.6.1. Condition and operation	Visual inspection and by operation.	(a) Defective light source. (b) Defective lens. (c) Lamp not securely attached.
4.6.2. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	(a) Lamp, emitted colour, position or intensity not in accordance with the regulations. <u>2/</u> (b) Defective or cracked lens. (c) System does not operate in accordance with the regulations. <u>2/</u>

Item	Method	Principal reasons for rejection
4.7. Rear registration plate lamp (X) <u>7/</u>		
4.7.1. Condition and operation	Visual inspection and by operation.	(a) Lamp throwing light to the rear. (b) Defective light source. (c) Lamp not securely attached.
4.7.2. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	(a) Lamp, emitted colour, position or intensity not in accordance with the regulations. <u>2/</u> (b) Defective or cracked lens. (c) System does not operate in accordance with the regulations. <u>2/</u>
4.8. Retro-reflectors, side reflectors and rear marker plates		
4.8.1. Condition	Visual inspection.	(a) Reflecting equipment defective or damaged. (b) Reflector not securely attached.
4.8.2. Compliance with regulations <u>2/</u>	Visual inspection.	(a) Retro-reflector, colour, position not in accordance with the regulations. <u>2/</u> (b) Defective or cracked.
4.9. Tell-tales		
4.9.1. Condition and operation	Visual inspection and by operation.	Not operating in accordance with the regulations. <u>2/</u>
4.9.2. Compliance with regulations <u>2/</u>	Visual inspection and by operation.	Not in accordance with the regulations. <u>2/</u>
4.10. Electrical connections between towing vehicle and trailer or semi-trailer	Visual inspection: if possible examine the electrical continuity between the vehicles.	(a) Fixed components not securely attached. (b) Damaged or deteriorated insulation. (c) Trailer or towing vehicle electrical connections not functioning correctly.
4.11. Electrical wiring	Visual inspection with vehicle over a pit or on a hoist, including in the engine compartment in some cases.	(a) Wiring insecure or not adequately secured. (b) Damaged or deteriorated insulation.
4.12. Non obligatory lamps	Visual inspection and by operation.	(a) A lamp fitted not in accordance with the regulations. <u>2/</u> (b) Lamp operation not in accordance with the regulations. <u>2/</u> (c) Total intensity (including headlamps) not in accordance with the regulations. <u>2/</u> (d) Lamp not securely attached. (e) Defective or cracked lens.
4.13. Battery	Visual inspection.	(a) Insecure. (b) Leaking. (c) Defective switch (if required). (d) Defective fuses (if required).