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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### One-hundred-and-fifty-second session

Geneva, 9–12 November 2010

Item 4.2.3 of the provisional agenda

##### **1958 Agreement – Consideration of draft amendments to existing Regulations by GRE**

### **Proposal for Supplement 18 to the 02 series of amendments to Regulation No. 7 (Front and rear position lamps, stop- lamps and end-outline marker lamps)**

#### **Submitted by the Working Party on Lighting and Light-Signalling (GRE)\***

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-third session. It is based on ECE/TRANS/WP.29/GRE/2010/13 not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration (ECE/TRANS/WP.29/GRE/63 para. 23).

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\* In accordance with the programme of work of the Inland Transport Committee for 2006–2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

*Table of Contents*, amend to read:

“... ”

Annexes

1. Front and rear position (side) lamps, end-outline marker lamps and stop lamps: minimum angles required for light distribution in space of these lamps
2. Communication concerning the approval or extension or refusal or withdrawal of approval or production definitely discontinued of a type of device pursuant to Regulation No. 7
3. Examples of arrangements of the approval marks
4. Photometric measurements
5. Minimum requirements for conformity of production control procedures
6. Minimum requirements for sampling by an inspector”

*Text of the Regulation*,

*Paragraph 8.*, amend to read:

## **“8. Colour of light emitted**

The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 4 shall be red or white. Outside this field, no sharp variation of colour shall be observed. To check these colorimetric characteristics, the test procedure described in paragraph 7. of this Regulation shall be applied.

However, for lamps equipped with non-replaceable light sources (filament lamps and other), the colorimetric characteristics should be verified with the light sources present in the lamp, in accordance with the relevant subparagraph of paragraph 7.1. of this Regulation.

In the case of a category S3 or S4 stop lamp, which is intended to be mounted inside the vehicle, the colorimetric characteristics shall be verified with the worst case combination(s) of lamp and rear window(s) or sample plate(s).

These requirements shall ...

...

(c) stop lamps of categories S2 and S4”

*Paragraphs 9.2. and 9.3.* amend to read:

- “9.2. The minimum requirements for conformity of production control procedures set forth in Annex 5 to this Regulation shall be complied with.
- 9.3. The minimum requirements for sampling by an inspector set forth in Annex 6 to this Regulation shall be complied with.”

*Annex 5*, shall be deleted

*Annex 6 (former)*, renumber as Annex 5.

*Annex 5 (new),*

*Paragraph 2.5., amend to read:*

“2.5.           Criteria governing acceptability

The manufacturer is responsible for carrying out a statistical study of the test results and for defining, in agreement with the competent authority, criteria governing the acceptability of his products in order to meet the specifications laid down for verification of conformity of products in paragraph 9.1. of this Regulation.

The criteria governing the acceptability shall be such that, with a confidence level of 95 per cent, the minimum probability of passing a spot check in accordance with Annex 6 (first sampling) would be 0.95.”

*Annex 7 (former), renumber as Annex 6.*

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