



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/2009/26  
17 December 2008

ENGLISH  
Original: ENGLISH AND FRENCH

---

**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-forty-seventh session  
Geneva, 10 - 13 March 2009  
Item 4.2.22 of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Supplement 7 to the 01 series of amendments to Regulation No. 70  
(Rear-marking plates for heavy and long vehicles)

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

The text reproduced below was adopted by GRE at its sixtieth session. It is based on ECE/TRANS/WP.29/GRE/2008/31, as amended by Annex III to the report. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/60, para. 22).

---

\*/ 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 performance of vehicles. The present document is submitted in conformity with that mandate.

Insert a new paragraph 2.4.4., to read:

"2.4.4. "Colour of the reflected light of the device" The definitions of the colour of the reflected light are given in paragraphs 2.30. and 2.31. of Regulation No. 48."

Paragraph 2.5., amend to read:

"2.5. Fluorescence

2.5.1. When certain substances are brought near.....than ordinary colours."

Insert a new paragraph 2.5.2., to read:

"2.5.2. "Colour of the fluorescent light of the device" The definitions of the colour of the fluorescent light are given in paragraph 2.32. of Regulation No. 48."

Annex 6.

Paragraph 2.1., amend to read:

"2.1. When measured with a spectrophotometer in accordance with the provisions of CIE document No. 15 (1971) and illuminated with the CIE Standard illuminant D<sub>65</sub> at an angle of 45° to the normal and viewed along the normal (45/0 geometry), the colour of the material in new condition shall be within the limits according to paragraph 2.31. of Regulation No. 48."

Insert a new paragraph 2.1.1., to read:

"2.1.1. Luminance factor for yellow colour shall be  $\geq 0.16$ . For red colour shall be  $\geq 0.03$ ."

Paragraph 2.2., amend to read:

"2.2. When illuminated by the CIE Standard Illuminant A at an entrance angle  $\beta_1 = \beta_2 = 0^\circ$  or, if this produces a colourless surface reflection, an angle  $\beta_1 = \pm 5^\circ$ ,  $\beta_2 = 0^\circ$ , and measured at an observation angle of 20', the colour of the material in new condition shall be within the limits according to paragraph 2.30. of Regulation No. 48."

Paragraph 3.1., amend to read:

"3.1. When measured with a spectrophotometer in accordance with the provisions of CIE document No. 15 (1971) and illuminated polychromatically with the CIE Standard Illuminant D<sub>65</sub> at an angle 45° to the normal and viewed along the normal (geometry 45/0), the colour of the material in new condition shall be within the limits according to paragraph 2.32. of Regulation No. 48."

Insert a new paragraph 3.1.1., to read:

"3.1.1. " Luminance factor for red colour shall be  $\geq 0.30$ ."

Annex 8,

Paragraph 1.3., amend to read:

"1.3. Colour fastness – The colours of the exposed specimen shall still meet the requirements specified in Annex 6."

-----