



Economic and Social Council

Distr.: General
29 July 2011

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

155th session

Geneva, 15–18 November 2011

Item 4.6.4 of the provisional agenda

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

Proposal for Supplement 8 to the 04 series of amendments to Regulation No. 48 (Installation of lighting and light-signalling devices)

Submitted by the Working Party on Lighting and Light-Signalling*

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-fifth session to introduce into Regulation Nos. 19, 48, 98, 113 and 123 the provisions for a ballast which is an integrated part of the gas-discharge light source according to Regulation No. 99. It is based on ECE/TRANS/WP.29/GRE/2011/23, not amended, ECE/TRANS/WP.29/GRE/2010/27, not amended, and on ECE/TRANS/WP.29/GRE/2011/20, as amended by Annex V to the report (ECE/TRANS/WP.29/GRE/65, paras. 6, 15 and 22). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208/, para. 106 and ECE/TRANS/2010/8, 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.

Paragraph 2.7.1.1.3., amend to read:

"2.7.1.1.3. "Light source module" means an optical part of a device which is specific to that device. It contains one or more non-replaceable light sources and it may optionally contain one or more holders for approved replaceable light sources;"

Paragraph 2.7.1.1.7., amend to read:

"2.7.1.1.7. "LED module" means a light source module containing as light sources only LEDs. However it may optionally contain one or more holders for approved replaceable light sources;"

Paragraph 2.7.1.2., amend to read:

"2.7.1.2. "Electronic light source control gear" means one or more components between supply and light source, whether or not integrated with the light source or the applied lamp, to control voltage and/ or electrical current of the light source;"

Paragraph 2.7.1.2.1., amend to read:

"2.7.1.2.1. "Ballast" means an electronic light source control gear between supply and light source, whether or not integrated with the light source or applied lamp, to stabilise the electrical current of a gas-discharge light source;"

Paragraph 5.23., amend to read:

"5.23. Lamps approved with light source(s) according to Regulation No. 37 shall be fitted in a vehicle in such a way that the light source can be correctly replaced without the need for expert assistance and without the need for special tools, other than those provided with the vehicle by the manufacturer. The vehicle manufacturer shall provide with the vehicle a detailed description of the procedure for replacement."

Insert a new paragraph 5.23.1., to read:

"5.23.1. In the case where a light source module includes a holder for an approved replaceable light source according to Regulation No. 37, this light source shall be replaceable as required above."

Insert new paragraphs 5.29. and 5.29.1., to read:

"5.29. A light source module shall be:

- (a) only removable from its device with the use of tools and
- (b) so designed that regardless of the use of tool(s), it is not mechanically interchangeable with any replaceable approved light source.

5.29.1. A LED module does not need to be replaceable, if so stated in the communication sheet of the component type approval."

Paragraph 6.11.4.2., amend to read:

"6.11.4.2. In height: not less than 250 mm nor more than 1,000 mm above the ground. For rear fog lamps grouped with any rear lamp or for category N₃G (off-road) vehicles, the maximum height may be increased to 1,200 mm."