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

Proposal for Supplement 2 to the 04 series of amendments to Regulation No. 19 (Front fog lamps)

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/2010/27, not amended (ECE/TRANS/WP.29/GRE/65, para. 15). 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 2.4.6.1., amend to read:

"2.4.6.1. and the ballast is not integrated with the light source, one ballast, which may be totally or partly integrated in the front fog lamp."

Paragraph 6.4.1.2., amend to read:

"6.4.1.2. In the case of a gas-discharge light source:

A standard light source shall be used as specified in Regulation No. 99, which has been aged during at least 15 cycles, in accordance with Annex 4, paragraph 4. of Regulation No. 99.

During testing of the front fog lamp the voltage at the terminals of the ballast or at the terminals of the light source in case the ballast is integrated with the light source shall be regulated to maintain 13.2 V for a 12 V system, or at the vehicle voltage as specified by the applicant, with a tolerance of ± 0.1 V.

The objective luminous flux of the gas-discharge light source may differ from that specified in Regulation No. 99. In this case, the luminous intensity values shall be corrected accordingly."

Paragraph 6.4.4.1., amend to read:

"6.4.4.1. In the case of front fog lamps equipped with gas-discharge light sources with the ballast not integrated with the light source, the luminous intensity shall exceed 1080 cd in the measuring point at 0° horizontal and 2° D vertical, four seconds after activation of the fog lamp which has not been operated for 30 minutes or more."

Annex 5, paragraph 1.1.2.5., amend to read:

"1.1.2.5. For a gas-discharge light source, the test voltage for the ballast or for the light source in case the ballast is integrated with the light source is 13.2 ± 0.1 volts for 12 V network system, or otherwise specified in the application for approval."
