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Item 7 of the provisional agenda

Regulation No. 19 (Front fog lamps)

Proposal for Supplement 3 to the 04 Series of Regulation No. 19 (Front Fog Lamps)

Submitted by the expert from the Working Party "Brussels 1952"*

The text reproduced below was prepared by the expert from the Working Party "Brussels 1952" (GTB) to introduce into the Regulation provisions relating to the use of electronic light source control gear. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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

I. Proposal

Paragraph 6.4.1.4., amend to read:

"6.4.1.4. In the case of LED modules:

All measurements on front fog lamps equipped with LED module(s) shall be made at 6.3 V, 13.2 V or 28.0 V respectively, if not otherwise specified within this Regulation. LED modules operated by an electronic light source control gear shall be measured **with the input voltage** as specified by the applicant. **or with a supply and operating device which replace this control gear for the photometric test. The relevant input parameters (e.g. duty cycle, frequency, pulse shape, peak voltage) shall be specified and stated in the communication form, item 10.6., in Annex 1 to this Regulation.**"

Annex 1, item 10.6, insert a new footnote 4, to read:

"10.6. Application of electronic light source control gear: 3/ yes/no 2/

Supply to the light source:

Specification of the light source control gear:

Input voltage 4/:

In the case of an electronic light source control gear not being part of the lamp:

Output signal specification:

4/ The parameters of the input voltage including duty cycle, frequency, pulse shape and peak voltage shall be included."

II. Justification

1. This proposal aims to clarify the requirements relating to the usage of control gear during type-approval testing of a front fog lamp. In the communication form it is necessary to describe the electric supply conditions for the photometric tests even though the front fog lamp is operated by the control gear.
