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World Forum for Harmonization of Vehicle Regulations

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Item 4.9.3 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 13 to the original series of amendments to UN Regulation No. 45 (Headlamp cleaners)

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 eighty-ninth session (ECE/TRANS/WP.29/GRE/89, para. 38). It is based on ECE/TRANS/WP.29/GRE/2023/22. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their March 2024 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

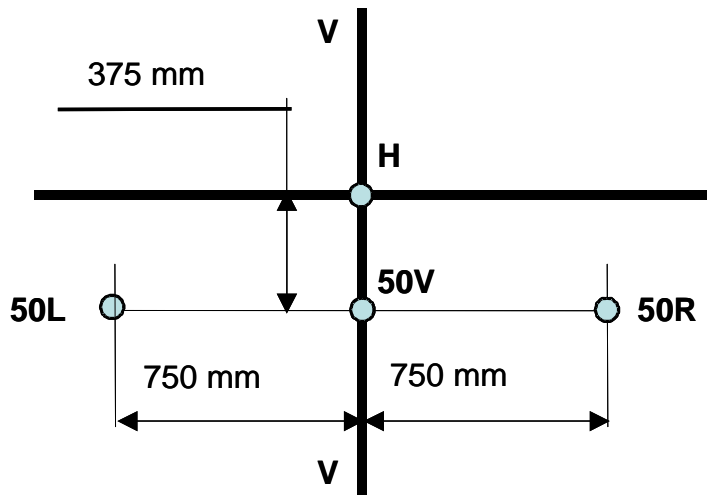


Paragraph 7.1., amend to read:

"7.1. The efficiency of the cleaner shall be tested in accordance with the requirements of Annex 4 to this Regulation. The cleaning efficiency at the points on the measuring screen which are specified below shall, after every cleaning period, amount to at least 70 per cent for the principal passing beam lamp and also 70 per cent for the optional driving lamp; in case of an AFS this provision applies to the photometric test procedures as defined in Annex 9 to UN Regulation No. 123 or in Annex 4 to UN Regulation No. 149 from those lighting units in the neutral state indicated in paragraph 6.1.1. above. In the case of a headlamp (UN Regulations Nos. 98, 112 or 149) providing bend lighting, the headlamp shall be set for the test in a straightforward direction.

Figure

Diagram of Measuring Points on a Screen



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Paragraph 7.3.1., amend to read:

"7.3.1. Headlamps approved in respect of the passing beam only;
Measuring points: 50R (L)⁴ and 50V."

Paragraph 7.3.2., amend to read:

"7.3.2. Headlamps approved in respect of the passing beam and the driving beam.
Measuring points; 50R (L) and 50V, if in the same headlamps, different optical systems for the driving beam and the passing beam are provided."

Footnote 4, amend to read:

"⁴ R refers to right-hand traffic.
L refers to left-hand traffic."