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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 165<sup>th</sup> session

Geneva, 10-13 March 2015

Item 4.9.14 of the provisional agenda

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

### **Proposal for Supplement 6 to the 01 series of amendments to Regulation No. 98 (Headlamps with gas-discharge light sources)**

#### **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 seventy-second session (ECE/TRANS/WP.29/GRE/72, para. 42). It is based on ECE/TRANS/WP.29/GRE/2014/23, as amended by paragraph 42 of the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

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\* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

*Annex 4, paragraph 1.2.1.1., amend to read:*

"1.2.1.1. Test mixture

1.2.1.1.1. For headlamp with the outside lens in glass:

The mixture of water and a polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm,

1 part by weight of vegetal carbon dust produced from beech wood with a particle size of 0-100 µm,

0.2 parts by weight of NaCMC<sup>3</sup>, and

5 parts by weight of sodium chloride (pure at 99 per cent),

an appropriate quantity of distilled water, with a conductivity of  $\leq 1 \mu\text{S/m}$ .

The mixture must not be more than 14 days old.

1.2.1.1.2. For headlamp with outside lens in plastic material:

The mixture of water and polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm,

1 part by weight of vegetal carbon dust produced from beech wood with a particle size of 0-100 µm,

0.2 part by weight of NaCMC<sup>3</sup>,

5 parts by weight of sodium chloride (pure at 99 per cent),

13 parts by weight of distilled water with a conductivity of  $\leq 1 \mu\text{S/m}$ , and

$2 \pm 1$  parts by weight of surface-actant.<sup>4</sup>

The mixture must not be more than 14 days old."

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