Agreement

Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

———

Addendum 18 – Regulation No. 19

Revision 7 - Amendment 3

Supplement 8 to the 04 series of amendments – Date of entry into force: 8 October 2015

Uniform provisions concerning the approval of power-driven vehicle front fog lamps

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2015/16.

———

UNITED NATIONS

Insert a new paragraph 3.5.3., to read:

"3.5.3. If the LED module(s) are non-replaceable, the markings for LED module(s) are not required."

Annex 1,

Item 10.3., amend to read:

"10.3. LED module(s): yes/no² and for each LED module a statement whether it is replaceable or not: yes/no²."

Annex 5,

Paragraph 1.2.1.1., amend to read:

"1.2.1.1. Test mixture

1.2.1.1.1. For front fog lamps with the outside lens in glass:

The mixture of water and a polluting agent to be applied to the front fog lamp shall be composed of:

(a) 9 parts by weight of silica sand with a particle size of 0-100 µm,
(b) 1 part by weight of vegetal carbon dust produced from beech wood with a particle size of 0-100 µm,
(c) 0.2 part by weight of NaCMC⁴,
(d) 5 parts by weight of sodium chloride (pure at 99 per cent), and
(e) An appropriate quantity of distilled water with a conductivity of $S < 1 \mu$S/m.

The mixture must not be more than 14 days old.

1.2.1.1.2. For front fog lamp with outside lens in plastic material:

The mixture of water and polluting agent to be applied to the front fog lamp shall be composed of:

(a) 9 parts by weight of silica sand with a particle size of 0-100 µm,
(b) 1 part by weight of vegetal carbon dust produced from beech wood with a particle size of 0-100 µm,
(c) 0.2 part by weight of NaCMC⁴,
(d) 5 parts by weight of sodium chloride (pure at 99 per cent),
(e) 13 parts by weight of distilled water with a conductivity of $S < 1 \mu$S/m, and
(f) $2 \pm 1$ parts by weight of surface-actant.⁵

The mixture must not be more than 14 days old."
Annex 12,

Paragraph 4.6., amend to read:

"4.6. UV-radiation

The UV-radiation of a low-UV-type LED module or light-generator shall be such that:

………………

(For definitions of the other symbols see paragraph 4.5.1. above)

This value shall be calculated using intervals of one nanometre. The UV-radiation shall be weighted according to the values as indicated in the UV table below.

<table>
<thead>
<tr>
<th>λ</th>
<th>S(λ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>0.430</td>
</tr>
<tr>
<td>255</td>
<td>0.520</td>
</tr>
<tr>
<td>260</td>
<td>0.650</td>
</tr>
<tr>
<td>265</td>
<td>0.810</td>
</tr>
<tr>
<td>270</td>
<td>1.000</td>
</tr>
<tr>
<td>275</td>
<td>0.960</td>
</tr>
<tr>
<td>280</td>
<td>0.880</td>
</tr>
<tr>
<td>285</td>
<td>0.770</td>
</tr>
<tr>
<td>290</td>
<td>0.640</td>
</tr>
<tr>
<td>295</td>
<td>0.540</td>
</tr>
<tr>
<td>300</td>
<td>0.300</td>
</tr>
</tbody>
</table>

UV Table

Values according to …………………. other values should be interpolated."

Paragraph 4.7.2., amend to read:

"4.7.2. Colour

The colour of the light emitted, measured after 1 minute and measured after photometric stability has been obtained, as described in paragraph 4.7.1.3. of this annex, shall be within the required colour boundaries in both instances."