

17 October 2014

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## **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)

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#### **Addendum 18 – Regulation No. 19**

#### **Revision 7 - Amendment 1**

Supplement 6 to the 04 series of amendments – Date of entry into force: 9 October 2014

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



**UNITED NATIONS**

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\* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Paragraph 6.4.3., amend to read:

"6.4.3. Photometric requirements

When so adjusted, the front fog lamp shall meet the photometric requirements in the table below (refer also to paragraph 2.2. of Annex 4 to this Regulation):

Designated lines or zones	Vertical position* above h + below h -	Horizontal position* left of v: - right of v: +	Luminous intensity (in cd)	To comply
Point 1, 2**	+60°	±45°	85 max	All points
Point 3, 4**	+40°	±30°		
Point 5, 6**	+30°	±60°		
Point 7, 10**	+20°	±40°		
Point 8, 9**	+20°	±15°		
Line 1**	+8°	-26° to +26°	130 max	All line
Line 2**	+4°	-26° to +26°	150 max	All line
Line 3	+2°	-26° to +26°	245 max	All line
Line 4	+1°	-26° to +26°	360 max	All line
Line 5	0°	-10° to +10°	485 max	All line
Line 6 ***	-2.5°	-10° to +10°	2700 min	All line
Line 7 ***	-6.0°	-10° to +10°	< 50 per cent of max. on line 6	All line
Line 8L and R***	-1.5° to -3.5°	-22° and +22°	1,100 min	One or more points
Line 9L and R***	-1.5° to -4.5°	-35° and +35°	450 min	One or more points
Zone D***	-1.5° to -3.5°	-10° to +10°	12,000 max	Whole zone

\* The co-ordinates are specified in degrees for an angular web with a vertical polar axis.

\*\* See paragraph 6.4.3.4.

\*\*\* See paragraph 6.4.3.2. "

Insert a new paragraph 6.4.3.2., to read:

"6.4.3.2. At the request of the applicant, two front fog lamps constituting a matched pair corresponding to paragraph 4.2.2.5. may be tested separately. In this case the specified requirements for lines 6, 7, 8, 9 and the Zone D in the table in paragraph 6.4.3. apply to half the sum of readings of the right-hand and left-hand side front fog lamp. However each of the two front fog lamps shall meet at least 50 per cent of the minimum value required for line 6. Additionally, each of the two front fog lamps that constitute the matched pair corresponding to paragraph 4.2.2.5. are only required to meet the requirements of line 6 and line 7 from 5° inwards to 10° outwards."

Paragraph 14.2., amend to read:

"14.2. As from the date of entry into force of Supplement 2 to the 04 series of amendments, Contracting Parties applying this Regulation shall refuse to grant approvals for new types of Class B front fog lamps. However, Contracting Parties applying this Regulation shall continue to issue approvals for Class B front fog lamps on the basis of the 02, 03 and 04 series of amendments provided that these front fog lamps are only intended as replacements for fitting to vehicles in use."

Annex 4,

Paragraph 2.1., Figure 2, amend to read:

"Figure 2

**Light distribution of the Class B front fog lamp**

