

15 August 2012

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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 103: Regulation No. 104**

#### **Revision 1 – Amendment 1**

Supplement 7 to the original version of the Regulation - Date of entry into force: 26 July 2012

#### **Uniform provisions concerning the approval of retro-reflective markings for vehicles of category M, N and O**



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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.

Annex 7,

Paragraph 1, correct to read:

"When illuminated with a CIE Standard illuminant A and measured as recommended by CIE publication No. 54, 1982, the coefficient of retro-reflection R' in candelas per m<sup>2</sup> per lux (cd/m<sup>2</sup>/lux) of the retro-reflective areas in new condition shall be at least as indicated in table 1 for yellow, white and red materials."

Table 1, correct to read:

"Table 1

**Minimum values for the Coefficient of Retro-reflection R' [cd.m<sup>-2</sup>.lx<sup>-1</sup>]**

Observation angle $\alpha$ [°]	Entrance Angle $\beta$ [°]					
	$\beta 1$	0	0	0	0	0
$\alpha=0.33(20')$	$\beta 2$	5	20	30	40	60
Colour						
Yellow		300	--	130	75	10
White		450	--	200	95	16
Red		120	60	30	10	--

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