

Transmitted by the expert from CLEPA

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Proposal for Corrigendum 1 to Revision 1 of Regulation No. 104

Addendum 103: Regulation No. 104

Revision 1 – Corrigendum 1

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF RETRO-REFLECTIVE
MARKINGS FOR VEHICLES OF CATEGORY M,N AND O**

Note: The text reproduced below was prepared by the expert from CLEPA. The modifications to the current text of Regulation No. 104 - Rev. 1 are marked in **bold**.

Annex 7, Paragraph 1, amend 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 m² per lux (cd.m⁻².lux⁻¹) of the retro-reflective areas in new condition shall be at least as indicated in table 1 for yellow, **white and red materials**. ~~and white materials and at least as indicated in table 2 for red materials~~

Annex 7, Table 1, amend to read:

Table 1						
Minimum values for the Coefficient of Retro-reflection R' [cd/m ² /lx]						
Observation angle α [°]	Entrance Angle β [°]					
$\alpha = 0.33^\circ (20')$	β_1	0	0	0	0	0
	β_2	5	20	30	40	60
<u>Colour</u>						
Yellow	300	--	130	75	10	
White	450	--	200	95	16	
Red	120	60	30	10	--	

Justification:

The photometric specifications for retro-reflective markings of red color have been introduced with supplement 1 to Regulation No. 104. The retro-reflective requirements had been copied from existing requirements in Regulation No. 69 for red material. Photometric specifications were given for the entrance angle 5°, 20°, 30° and 40°. This is not consistent with entrance angles for white and yellow material in Regulation No. 104. During the consolidation of various supplements in Rev. 1 of Regulation No. 104, the photometric specifications have not been correctly transferred.
