



Economic and Social Council

Distr.: General
22 December 2011

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

156th session

Geneva, 13–16 March 2012

Item 4.9.6 of the provisional agenda

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

Proposal for Supplement 8 to Regulation No. 65 (Special warning lamps)

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 sixty-sixth session in order to clarify the requirements on partial systems and the provisions for type approval. It is based on ECE/TRANS/WP.29/GRE/2011/50 superseded by GRE-66-15 as reproduced in Annex IV to the report (ECE/TRANS/WP.29/GRE/66, para. 32), and on ECE/TRANS/WP.29/GRE/2011/43, not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, 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.

Paragraph 1.1.1., amend to read:

"1.1.1. "Rotating or stationary flashing lamp" means a special warning lamp emitting light intermittently all around its vertical axis (Category T or HT)."

Insert a new paragraph 1.1.4., to read:

"1.1.4. "Half bar" means a special warning lamp with one or more optical systems emitting light intermittently from 135° left to 135° right relative to its horizontal reference axis, which is intended to be mounted on the vehicle either to the front or to the rear of the vehicle."

Paragraph 1.2.6 and 1.2.7., amend to read:

"1.2.6. The colour and/or type of the light source,

1.2.7. The colour and construction of the light source module;"

Paragraph 1.8., amend to read:

"1.8. Reference axis of the special warning lamp means:

For a rotating or stationary flashing lamp (Category T), a vertical axis passing through the reference centre of the lamp;

For a directional flashing lamp (Category X) or a half bar (Category HT), a horizontal axis parallel to the median longitudinal plane of the vehicle.

The manufacturer of the special warning lamp shall indicate the position of the special warning lamp in relation to the reference axis."

Paragraph 2.2.6., amend to read:

"2.2.6. Two samples of the outer lens, provided that the construction of the special warning lamp with exception of the colour of the outer lens remains unchanged."

Insert a new paragraph 2.2.7., to read:

"2.2.7. Approvals may be extended simultaneously or subsequently for special warning lamps of another colour provided that the only difference is the colour of the outer lens. In this case, it is sufficient to carry out the photometric and colorimetric tests. Such extensions are not applicable to approvals of special warning lamps samples with light sources of different colour"

Paragraph 4.4.1.3., amend to read:

"4.4.1.3. "T", "HT" or "X" according to the category of the unit, followed by "A" or "B" or "R" according to the colour of the unit (see paragraph 2.1. above)."

Paragraph 5.7., amend to read:

"5.7. A rotating or flashing special warning lamp device of Category T or of Category HT may consist of more than one optical system. In this case the requirements of Annex 5, paragraph 8. must be met. The lamp manufacturer must supply mounting information to ensure that the various units are correctly mounted on a vehicle."

Annex 1, item 1, amend to read:

- "1. Special warning lamp/rotating/stationary flashing lamp/directional flashing lamp/complete bar/half bar/blue/amber/red²"

Annex 2, insert new examples of approval marks h) and i), to read:

"Annex 2

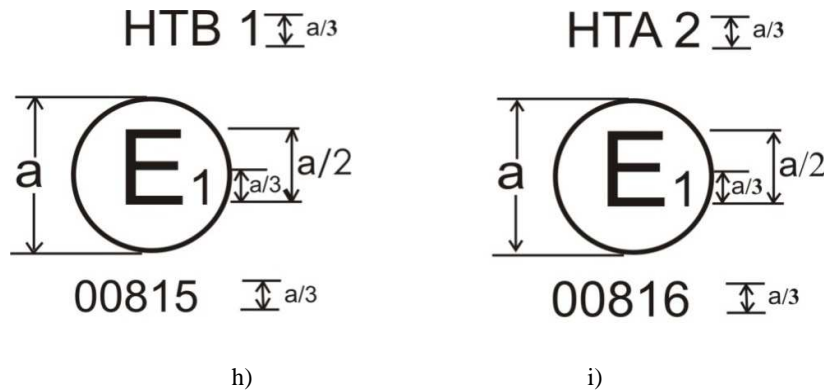
Examples of approval marks

...

- g) Example for the specification of individual separate units comprising a special warning lamp of (Category T) "Rotating or stationary flashing lamp".

("identification mark" / n)

in a case of four units e.g.: (1/4) or (front left/4)



- h) A half bar of a special warning lamp indicates that it has been approved in Germany (E1) under approval number 00815. The approval number shows that the approval was granted in accordance with the requirements of the Regulation in its original form and that it is a blue rotating or stationary flashing special warning lamp of class 1 (HTB 1).
- i) A half bar of a special warning lamp indicates that it has been approved in Germany (E1) under approval number 00816. The approval number shows that the approval was granted in accordance with the requirements of the Regulation in its original form and that it is a amber rotating or stationary flashing special warning lamp of class 2 (HTA 2)."

Annex 5, paragraph 7.2.(including the table), amend to read:

"7.2. The effective luminous intensities (J_e) within the relevant vertical angles for a special warning lamp (Category T) or (Category HT) shall be as specified in the table below:"

<i>Category T or Category HT</i>			<i>Colour</i>			
			blue	amber	red	
Minimum value of the effective luminous intensity J_e , within the specified vertical angles and a horizontal angle of 360° around the reference axis (a) In the case of Category T, a horizontal angle of 360° around the reference axis (b) In the case of Category HT a horizontal angle of minimum $\pm 135^\circ$ relative to its horizontal reference axis	0°	by day	120	230	120	
		by night	50	100	50	
	$\pm 4^\circ$	by day	60	-	60	
		by night	25	-	25	
	$\pm 8^\circ$	by day	-	170	-	
		by night	-	70	-	
	Maximum value of the effective luminous intensity J_e	Inside $\pm 2^\circ$	by day	1 700		
			by night	700		
Inside $\pm 8^\circ$		by day	1 500			
		by night	600			
Outside the above areas		by day	1 000			
		by night	300			

"