

**Economic and Social Council**Distr.: General  
17 December 2010

Original: English

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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****153<sup>rd</sup> session**

Geneva, 8–11 March 2011

Item 4.7.4 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE****Proposal for Supplement 37 to the 03 series of amendments  
to Regulation No. 37 (Filament lamps)****Submitted by the Working Party on Lighting and Light-Signalling  
(GRE)\***

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-fourth session. It is based on ECE/TRANS/WP.29/GRE/2010/51, not amended, on ECE/TRANS/WP.29/GRE/2010/35, as amended by Annex II to the report and on informal document No. GRE-64-39, as reproduced in Annex II to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration (ECE/TRANS/WP.29/GRE/64, para. 5).

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\* In accordance with the programme of work of the Inland Transport Committee for 2006–2010 (ECE/TRANS/166/Add.1, 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.

*Insert a new paragraph 3.1.10., to read:*

"3.1.10. Filament light source (filament lamp): a light source where the element for visible radiation is one or more heated filaments producing thermal radiation."

*Insert a new paragraph 3.2.3., to read:*

"3.2.3. The filament(s) as specified in the data sheet of the relevant category in Annex 1 shall be the only element(s) of the filament lamp that generate and emit light when energised."

*Paragraph 3.4.1., amend to read:*

"3.4.1. Filament lamps shall first be aged at their test voltage for approximately one hour. For dual-filament lamps, each filament shall be aged separately. In the case of filament lamps, for which more than one test voltage is specified, the highest test voltage value shall be used for ageing."

*Paragraph 3.4.3., amend to read:*

"3.4.3. The position and dimensions of the filament shall be measured with the filament lamps being supplied with current at from 90 per cent to 100 per cent of the test voltage. In the case of filament lamps, for which more than one test voltage is specified, the highest test voltage value shall be used for measurement of the position and dimensions of the filament."

*Paragraph 3.4.4., amend to read:*

"3.4.4. Unless otherwise specified, electrical and photometric measurements shall be carried out at the test voltage(s)."

*Paragraphs 8.3. and 8.4., amend to read:*

"8.3. No filament lamps of the categories listed below shall be used in lamps submitted for type approval after the period following the entry into force of Supplements to 03 series of amendments, as indicated for each category in the table below:

<i>Category</i>	<i>Supplement</i>	<i>Period</i>
C21W	28	12 months
P19W	[37]	60 months
PC16W	[37]	60 months
PCR16W	[37]	12 months
PCY16W	[37]	60 months
PR19W	[37]	12 months
PR24W	[37]	12 months
PSR19W	[37]	12 months
PSR24W	[37]	12 months
PY19W	[37]	60 months
R2	28	12 months
S1	28	12 months

- 8.4. However, Contracting Parties applying this Regulation may continue to grant approvals for lamps in which filament lamps of categories listed below are used, provided that these...for the period after entry into force of the Supplements to the 03 series of amendments as indicated below:

<i>Category</i>	<i>Supplement</i>	<i>Period</i>
C21W	28	unlimited
P19W	[37]	unlimited
PC16W	[37]	unlimited
PCR16W	[37]	unlimited
PCY16W	[37]	unlimited
PR19W	[37]	unlimited
PR24W	[37]	unlimited
PSR19W	[37]	unlimited
PSR24W	[37]	unlimited
PY19W	[37]	unlimited
R2	28	unlimited
S1	28	unlimited

"

*Annex 1,*

*The list of categories of filament lamps and their sheets, amend to read:*

"....

Group 2

Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps:

<i>Category</i>	<i>Sheet number(s)</i>
C5W	C5W/1
...	
P13W	P13W/1 to 3
P21W	P21W/1 to 2
...	
P27/7W	P27/7W/1 to 3
PR21W	PR21W/1 (P21W/2)
PR21/4W	PR21/4W/1 (P21/5W/2 to 3)

PR21/5W	PR21/5W/1	(P21/5W/2 to 3)
PR27/7W	PR27/7W/1	(P27/7W/2 to 3)
PS19W	P19W/1 to 3	
PS24W	P24W/1 to 3	
PSY19W	P19W/1 to 3	
PSY24W	P24W/1 to 3	
PW13W	P13W/1 to 3	
...		
PWY24W	P24W/1 to 3	
PY21W	PY21W/1	(P21W/2)
...		
WY21W	WY21W/1 to 2	

Group 3

For replacement purposes only (see transitional provisions of paragraphs 8.3. and 8.4.):

<i>Category</i>	<i>Sheet number(s)</i>
C21W	C21W/1 to 2
P19W	P19W/1 to 3
PC16W	PC16W/1 to 3
PCR16W	PC16W/1 to 3
PCY16W	PC16W/1 to 3
PR19W	P19W/1 to 3
PR24W	P24W/1 to 3
PSR19W	P19W/1 to 3
PSR24W	P24W/1 to 3
PY19W	P19W/1 to 3

R2 R2/1 to 3  
S1 S1/S2/1 to 2

"

Sheet H9/3, the table, amend to read:

"

....					
ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS					
Rated values	Volts	12			12
	Watts	65			65
Test voltage	Volts	13.2	12.2	13.2	12.2
Objective values	Watts	73 max.	65 max.	73 max.	65 max.
	Luminous flux	2,100 ± 10%	1,650 ± 10%		
Reference luminous flux at approximately			12 V	1,500	
			12.2V	1,650	
			13.2 V	2,100	

"

Annex 5, Paragraph 1.3., amend to read:

"1.3. Tests shall be made at test voltage(s) as specified in the relevant lamp data sheet."

Paragraph 1.5., amend to read:

"1.5. Before starting a test, the stabilisation of the temperature of the filament lamp shall be obtained by operating at test voltage for 10 minutes. In the case of filament lamps, for which more than one test voltage is specified, the relevant test voltage value shall be used for achieving stabilization."