Economic and Social Council

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Seventy-fourth session
Geneva, 20–23 October 2015
Item 5 of the provisional agenda
Regulations Nos. 37 (Filament lamps), 99 (Gas discharge light sources) and 128 (Light emitting diodes light sources)

Proposal for Supplement 45 to the 03 series of amendments to Regulation No. 37 (Filament lamps)

Submitted by the expert from the International Automotive Lighting and Light Signalling Expert Group*

The text reproduced below was prepared by the expert from the International Automotive Lighting and Light Signalling Expert Group (GTB) to propose a set of light source categories for phasing out. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

I. Proposal to amend Regulation No. 37

Annex 1,

List of categories of filament lamps, Group 1, amend to read:

"Group 1

Without general restrictions:

Category		Sheet number(s)
…		
HS1	*[6]	HS1/1 to 5
~~HS2~~	*[6]	~~HS2/1 to 3~~
HS5		HS5/1 to 4
~~HS5A~~	*[5]	~~HS5A/1 to 3~~
PSX24W	*[2]	P24W/1 to 3
PSX26W	*[2]	PSX26W1 to 3
~~PX24W~~	*[2]	~~P24W/1 to 3~~
S2	*[6]	S1/S2/1 to 2

"

List of categories of filament lamps, Group 2, amend to read:

"Group 2

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

Category		Sheet number(s)
…		
P21/5W	*[6]	P21/5W/1 to 3
~~P24W~~		~~P24W/1 to 3~~
P27W		P27W/1 to 2
…		
W21/5W		W21/5W/1 to 3
~~WP21W~~		~~WP21W/1 to 2~~
~~WPY21W~~		~~WP21W/1 to 2~~
WR5W		W5W/1
…		
WY21W		WY21W/1 to 2

"

List of categories of filament lamps, Group 3, amend to read:

"Group 3

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

Category		Sheet number(s)	As specified by transitional provisions in paragraph 8.3.		As specified by transitional provisions in paragraph 8.4.	
			Supplement	Period	Supplement	Period
…						
H14		H14/1 to 4	38	12 months	38	unlimited
HB3A		HB3/1 to 4	40	60 months	40	unlimited
…						
HS1	*[7]	HS1/1 to 5	38	12 months	38	unlimited
	*[7]		38	12 months	38	unlimited
HS2	*[6]	HS2/1 to 3	**45**	**[12 months]**	**45**	**unlimited**
HS5A	*[5]	**HS5A/1 to 3**	**45**	**[12 months]**	**45**	**unlimited**
HS6	*[4]	HS6/1 to 4	40	60 months	40	unlimited
…						
P21/5W	*[7], *[8]	P21/5W/1 to 3	38	12 months	38	unlimited
P24W	*[8]	**P24W/1 to 3**	**45**	**[12 months]**	**45**	**unlimited**
PC16W	*[8]	PC16W/1 to 3	37	60 months	37	unlimited
…						
PSR24W	*[8]	P24W/1 to 3	37	12 months	37	unlimited
PX24W	*[2]	**P24W/1 to 3**	**45**	**[12 months]**	**45**	**unlimited**
PY19W	*[8]	P19W/1 to 3	37	60 months	37	unlimited
…						
W10W	*[7], *[8]	W10W/1	38	12 months	38	unlimited
WP21W	*[8]	**WP21W/1 to 2**	**45**	**[12 months]**	**45**	**unlimited**
WPY21W	*[8]	**WP21W/1 to 2**	**45**	**[12 months]**	**45**	**unlimited**
WY2.3W		WY2.3W/1	40	24 months	40	unlimited
WY5W	*[7]	W5W/1	40	12 months	40	unlimited
WY10W	*[7], *[8]	W10W/1	38	12 months	38	unlimited

"

II. Justification

1.   This proposal phases out the following additional set of categories which shall be moved to Group 3:

From Group 1:   HS2, HS5A and PX24W

From Group 2:   P24W, WP21W and WPY21W

2.   The intention is a transitional period of twelve months after the Supplement enters into force. For this and for future proposals, it is suggested to specify a transitional period

ending at an effective date of 1 September, similar to the International Whole Vehicle Type Approval (IWVTA) for new series of amendments, as expressed in the simplification proposal ECE/TRANS/WP.29/GRE/2015/28.

3.   Should in the future, the data sheets for light sources be moved from Regulation No. 37 to the draft Resolution on the common specification of light source categories, as proposed in ECE/TRANS/WP.29/GRE/2015/28, this would spare the need to amend Regulation No. 37. Instead, the above proposals should be implemented, in a modified form, in the Resolution (see section III below).

III. Proposal to amend the draft Resolution on the common specification of light sources (ECE/TRANS/WP.29/GRE/2015/28)

Paragraph 3.1., amend to read:

"…

Group 1			
Filament light source categories (or types within these categories) *without general restrictions:*			
Category	*Note(s)*	*Sheet number(s)*	
H1	*[6]	H1/1 to 3	
H3	*[6]	H3/1 to 4	
H4		H4/1 to 5	
H7		H7/1 to 4	
H8		H8/1 to 4	
H8B		H8/1 to 4	
H9	*[3]	H9/1 to 4	
H9B	*[3]	H9/1 to 4	
H10		H10/1 to 3	
H11		H11/1 to 4	
H11B		H11/1 to 4	
H13		H13/1 to 4	
H15		H15/1 to 5	
H16		H16/1 to 4	
H16B		H16/1 to 4	
H17		H17/1 to 6	
H18		H18/1 to 4	
H19		H19/1 to 5	
H20		H20/1 to 4	
H21W	*[2]	H21W/1 to 2	
H27W/1		H27W/1 to 3	
H27W/2		H27W/1 to 3	
HB3		HB3/1 to 4	
HB4		HB4/1 to 4	
HIR2		HIR2/1 to 3	
HS1	*[6]	HS1/1 to 5	

~~HS2~~	~~*~~[6]	~~HS2/1 to 3~~
HS5		HS5/1 to 4
~~HS5A~~	~~*~~[5]	~~HS5A/1 to 3~~
PSX24W	*[2]	P24W/1 to 3
PSX26W	*[2]	PSX26W1 to 3
~~PX24W~~	~~*~~[2]	~~P24W/1 to 3~~
S2	*[6]	S1/S2/1 to 2

Group 2

Filament light source categories (or types within these categories)

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

Category	*Note(s)*	*Sheet number(s)*	
C5W	*[6]	C5W/1	
H6W		H6W/1	
H10W/1		H10W/1 to 2	
HY6W		H6W/1	
HY10W		H10W/1 to 2	
HY21W		H21W/1 to 2	
P13W		P13W/1 to 3	
P21W	*[6]	P21W/1 to 2	
P21/4W		P21/4W/1	(P21/5W/2 to 3)
P21/5W	*[6]	P21/5W/1 to 3	
~~P24W~~		~~P24W/1 to 3~~	
P27W		P27W/1 to 2	
P27/7W		P27/7W/1 to 3	
PR21W		PR21W/1	(P21W/2)
PR21/5W		PR21/5W/1	(P21/5W/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	
PW16W		PC16W/1 to 3	
PWR16W		PC16W/1 to 3	
PWY16W		PC16W/1 to 3	
PW19W		P19W/1 to 3	
PWR19W		P19W/1 to 3	
PWY19W		P19W/1 to 3	
PW24W		P24W/1 to 3	
PWR24W		P24W/1 to 3	
PWY24W		P24W/1 to 3	

PY21W		PY21W/1	(P21W/2)
PY21/5W		PY21/5W/1 to 3	
PY24W		P24W/1 to 3	
PY27/7W		PY27/7W/1	(P27/7W/2 to 3)
R5W	*6	R5W/1	
R10W	*6	R10W/1	
RR5W		R5W/1	
RR10W		R10W/1	
RY10W	*6	R10W/1	
T4W	*6	T4W/1	
W2.3W		W2.3W/1	
W3W	*6	W3W/1	
W5W	*6	W5W/1	
W10W	*6	W10W/1	
W15/5W		W15/5W/1 to 3	
W16W		W16W/1	
W21W		W21W/1 to 2	
W21/5W		W21/5W/1 to 3	
~~WP21W~~		~~WP21W/1 to 2~~	
~~WPY21W~~		~~WP21W/1 to 2~~	
WR5W		W5W/1	
WR21/5W		WR21/5W/1	(W21/5W/2 to 3)
WT21W		WT21W/1 to 2	
WT21/7W		WT21/7W/1 to 3	
WTY21W		WT21W/1 to 2	
WTY21/7W		WT21/7W/1 to 3	
WY5W	*6	W5W/1	
WY10W	*6	W10W/1	
WY16W		W16W/1	
WY21W		WY21W/1 to 2	

Group 3			
Filament light source categories (or types within these categories)			
only for use in lamps as replacement parts for lamps installed on vehicles in use:			
Category	*Note(s)*	*Sheet number(s)*	*From date onwards*
C5W	*7, *8	C5W/1	**26 July 2013**
C21W	*8	C21W/1 to 2	**11 June 2008**
H1	*7	H1/1 to 3	**26 July 2013**
H3	*7	H3/1 to 4	**26 July 2013**
H12		H12/1 to 3	**15 July 2015**
H13A		H13/1 to 4	**15 July 2015**
H14		H14/1 to 4	**26 July 2013**

HB3A		HB3/1 to 4	**15 July 2018**
HB4A		HB4/1 to 4	**15 July 2018**
HIR1	*[3]	HIR1/1 to 3	**15 July 2015**
HS1	*[7]	HS1/1 to 5	**26 July 2013**
HS2	*[7]	HS2/1 to 3	**26 July 2013**
	*[6]		**1 September 2018**
HS5A	*[5]	**HS5A/1 to 3**	**1 September 2018**
HS6	*[4]	HS6/1 to 4	**15 July 2018**
P19W	*[8]	P19W/1 to 3	**28 October 2016**
P21W	*[7], *[8]	P21W/1 to 2	**26 July 2013**
P21/5W	*[7], *[8]	P21/5W/1 to 3	**26 July 2013**
P24W	*[8]	**P24W/1 to 3**	**1 September 2018**
PC16W	*[8]	PC16W/1 to 3	**28 October 2016**
PCR16W	*[8]	PC16W/1 to 3	**28 October 2012**
PCY16W	*[8]	PC16W/1 to 3	**28 October 2016**
PR19W	*[8]	P19W/1 to 3	**28 October 2012**
PR21/4W	*[8]	PR21/4W/1 ; (P21/5W/2 to 3)	**15 July 2015**
PR24W	*[8]	P24W/1 to 3	**28 October 2012**
PR27/7W	*[8]	PR27/7W/1 ; (P27/7W/2 to 3)	**15 July 2015**
PSR19W	*[8]	P19W/1 to 3	**28 October 2012**
PSR24W	*[8]	P24W/1 to 3	**28 October 2012**
PX24W	*[2]	**P24W/1 to 3**	**1 September 2018**
PY19W	*[8]	P19W/1 to 3	**28 October 2016**
R2		R2/1 to 3	**11 June 2008**
R5W	*[7], *[8]	R5W/1	**26 July 2013**
R10W	*[7], *[8]	R10W/1	**26 July 2013**
RY10W	*[7], *[8]	R10W/1	**26 July 2013**
S1		S1/S2/1 to 2	**11 June 2008**
S2	*[7]	S1/S2/1 to 2	**26 July 2013**
S3		S3/1	**26 July 2013**
T1.4W	*[8]	T1.4W/1	**15 July 2015**
T4W	*[7], *[8]	T4W/1	**26 July 2013**
W3W	*[7], *[8]	W3W/1	**26 July 2013**
W5W	*[7], *[8]	W5W/1	**26 July 2013**
W10W	*[7], *[8]	W10W/1	**26 July 2013**
WP21W	*[8]	**WP21W/1 to 2**	**1 September 2018**
WPY21W	*[8]	**WP21W/1 to 2**	**1 September 2018**
WY2.3W		WY2.3W/1	**15 July 2015**
WY5W	*[7]	W5W/1	**15 July 2014**
WY10W	*[7], *[8]	W10W/1	**26 July 2013**

…"