

6 August 2013

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)

Addendum 36 – Regulation No. 37

Revision 7 - Amendment 3

Supplement 40 to the 03 series of amendments – Date of entry into force: 15 July 2013

Uniform provisions concerning the approval of filament lamps for use in approved lamp units of power-driven vehicles and of their trailers



UNITED NATIONS

* 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.

Paragraph 3.6.3., amend to read:

"3.6.3. The colour of the light emitted shall be measured by the method specified in Annex 5. Each measured value shall lie within the required tolerance area¹. Moreover, in the case of filament lamps emitting white light, the measured values shall not deviate more than 0.020 unit in the x and/or y direction from a point of choice on the Planckian locus (IEC Publication 15.2 Colorimetry, 1986). Filament lamps for use in light signalling devices shall meet the requirements as specified in paragraph 2.4.2. of IEC Publication 60809, Amendment 5 to Edition 2.

¹ For Conformity of Production purposes of amber and red colour only, at least 80 per cent of the measuring results shall lie within the required tolerance area."

Paragraphs 8.3. and 8.4., amend to read:

"8.3. As from the period after the entry into force of the Supplements to the 03 series of amendments, as indicated for each category in the table for group 3 in Annex 1, no filament lamps of these categories or of the types within these categories shall be used in lamps submitted for type approval.

8.4. However, for the period after entry into force of the Supplements to the 03 series of amendments, as indicated in the table for group 3 in Annex 1, Contracting Parties applying this Regulation may continue to grant approvals for lamps in which filament lamps of these categories or of the types within these categories are used, provided that these lamps are intended as replacement parts for installation on vehicles in use."

Annex 1, the list of categories of filament lamps and their sheets, amend to read:

"....

Group 1

Without general restrictions:

<i>Category</i>		<i>Sheet number(s)</i>
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

<i>Category</i>		<i>Sheet number(s)</i>
H16		H16/1 to 4
H16B		H16/1 to 4
H17		H17/1 to 6
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

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

<i>Category</i>		<i>Sheet number(s)</i>	
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	

<i>Category</i>		<i>Sheet number(s)</i>	
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)
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)
WY5W	*6	W5W/1	
WY10W	*6	W10W/1	
WY16W		W16W/1	
WY21W		WY21W/1 to 2	

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
C5W	* ⁷ , * ⁸	C5W/1	38	12 months	38	unlimited
C21W	* ⁸	C21W/1 to 2	28	12 months	28	unlimited
H1	* ⁷	H1/1 to 3	38	12 months	38	unlimited
H3	* ⁷	H3/1 to 4	38	12 months	38	unlimited
H12		H12/1 to 3	40	24 months	40	unlimited
H13A		H13/1 to 4	40	24 months	40	unlimited
H14		H14/1 to 4	38	12 months	38	unlimited
HB3A		HB3/1 to 4	40	60 months	40	unlimited
HB4A		HB4/1 to 4	40	60 months	40	unlimited
HIR1	* ³	HIR1/1 to 3	40	24 months	40	unlimited
HS1	* ⁷	HS1/1 to 5	38	12 months	38	unlimited
HS2	* ⁷	HS2/1 to 3	38	12 months	38	unlimited
HS6	* ⁴	HS6/1 to 4	40	60 months	40	unlimited
P19W	* ⁸	P19W/1 to 3	37	60 months	37	unlimited
P21W	* ⁷ , * ⁸	P21W/1 to 2	38	12 months	38	unlimited
P21/5W	* ⁷ , * ⁸	P21/5W/1 to 3	38	12 months	38	unlimited
PC16W	* ⁸	PC16W/1 to 3	37	60 months	37	unlimited
PCR16W	* ⁸	PC16W/1 to 3	37	12 months	37	unlimited
PCY16W	* ⁸	PC16W/1 to 3	37	60 months	37	unlimited
PR19W	* ⁸	P19W/1 to 3	37	12 months	37	unlimited
PR21/4W	* ⁸	PR21/4W/1; (P21/5W/2 to 3)	40	24 months	40	unlimited
PR24W	* ⁸	P24W/1 to 3	37	12 months	37	unlimited
PR27/7W	* ⁸	PR27/7W/1; (P27/7W/2 to 3)	40	24 months	40	unlimited
PSR19W	* ⁸	P19W/1 to 3	37	12 months	37	unlimited
PSR24W	* ⁸	P24W/1 to 3	37	12 months	37	unlimited
PY19W	* ⁸	P19W/1 to 3	37	60 months	37	unlimited
R2		R2/1 to 3	28	12 months	28	unlimited
R5W	* ⁷ , * ⁸	R5W/1	38	12 months	38	unlimited
R10W	* ⁷ , * ⁸	R10W/1	38	12 months	38	unlimited
RY10W	* ⁷ , * ⁸	R10W/1	38	12 months	38	unlimited
S1		S1/S2/1 to 2	28	12 months	28	unlimited
S2	* ⁷	S1/S2/1 to 2	38	12 months	38	unlimited

			<i>As specified by transitional provisions in paragraph 8.3.</i>		<i>As specified by transitional provisions in paragraph 8.4.</i>	
S3		S3/1	38	12 months	38	unlimited
T1.4W	* ⁸	T1.4W/1	40	24 months	40	unlimited
T4W	* ⁷ , * ⁸	T4W/1	38	12 months	38	unlimited
W3W	* ⁷ , * ⁸	W3W/1	38	12 months	38	unlimited
W5W	* ⁷ , * ⁸	W5W/1	38	12 months	38	unlimited
W10W	* ⁷ , * ⁸	W10W/1	38	12 months	38	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

* Tables, Electrical and Photometric characteristics:

Voltage is expressed in V;

Wattage is expressed in W;

Luminous flux is expressed in lm.

In case a category of filament lamp has more than one value of reference luminous flux specified, the value of approximately 12 V for approval of a lighting device and 13.5 V for approval of a light-signalling device shall be applied unless otherwise specified by the regulation used for the approval of the device.

*² Not for use in passing beam headlamps.

*³ Not for use in front fog lamps marked "B" as defined in Regulation No. 19.

*⁴ Not for use in Regulation No. 112 headlamps.

*⁵ Not for use in headlamps other than Regulation No. 113 Class C headlamps.

*⁶ All types except from 6 V type.

*⁷ 6 V types only.

*⁸ Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps.

Annex 1,

Sheet H17/2, the table, amend to read:

"....

<i>p</i>	28.95	28.95
<i>α</i>	max. 40°	max. 40°
Cap PU43t-4 in accordance with IEC Publication 60061 (sheet 7004-171-1)		
Electrical and photometric characteristics		

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