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| --- | --- | --- | --- |
|  | United Nations | ECE/TRANS/WP.29/GRE/2015/29 | |
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**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[[1]](#footnote-2)\*

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.

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 |
| **HS2** | \*7 | HS2/1 to 3 | 38 | 12 months | 38 | unlimited |
| **\*6** | **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** |

…"

1. \* 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. [↑](#footnote-ref-2)