E/ECE/324
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24 April 2007

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 4 - Corrigendum 1

Corrigendum 1 to Revision 4 of the Regulation, subject of Depositary Notification C.N.1173.2006.TREATIES-1 dated 11 December 2006

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.

Text of the Regulation,

Paragraph 3.7., amend to read:

"3.7. UV radiation

The UV radiation of a halogen lamp shall be such that:

$$k_1 = \frac{\int_{\lambda=315\ nm}^{400\ nm} E_e(\lambda)\cdot d\lambda}{k_m \cdot \int_{\lambda=380\ nm}^{780\ nm} E_e(\lambda)\cdot V(\lambda)\cdot d\lambda} \leq 2 \cdot 10^{-4}\ W/lm$$

$$k_2 = \frac{\int_{\lambda=250\ nm}^{315\ nm} E_e(\lambda)\cdot d\lambda}{k_m \cdot \int_{\lambda=380\ nm}^{780\ nm} E_e(\lambda)\cdot V(\lambda)\cdot d\lambda} \leq 2 \cdot 10^{-6}\ W/lm$$

where:

$E_e(\lambda)$	(W/nm)	is the spectral distribution of the radiant flux;
$V(\lambda)$	(1)	is the spectral luminous efficiency;
$k_m = 683$	(lm/W)	is the photometric radiation equivalent;
λ	(nm)	is the wave length.

This value shall be calculated using intervals of five nanometres."

Annex 1,

Sheet H7/2, footnote 7/, amend to read:

"7/ The obscuration shall extend at least to the cylindrical part of the bulb on the whole bulb top circumference. It shall moreover extend at least to a plane parallel to the reference plane where γ3 crosses the outer bulb surface (view B as indicated on sheet H7/1)."

Sheet H8/2, footnote 7/, amend to read:

"7/ The obscuration shall extend at least to the cylindrical part of the bulb on the whole bulb top circumference. It shall moreover extend at least to a plane parallel to the reference plane where γ3 crosses the outer bulb surface (view B as indicated on sheet H8/1)."

Sheet H10/1, footnote 6/, amend to read:

"6/ Glass bulb periphery shall be optically distortion-free axially and cylindrically within the angles γ1 and γ2. This requirement applies to the whole bulb circumference within the angles γ1 and γ2 and does not need to be verified in the area covered by the obscuration."

Sheet H11/2, footnote 7/, amend to read:

"7/ The obscuration shall extend at least to the cylindrical part of the bulb on the whole bulb top circumference. It shall, moreover, extend at least to a plane parallel to the reference plane where γ3 crosses the outer bulb surface (view B as indicated on sheet H11/1)."

Sheet H12/1, footnote 6/, amend to read:

"6/ Glass bulb periphery shall be optically distortion-free axially and cylindrically within the angles γ1 and γ2. This requirement applies to the whole bulb circumference within the angles γ1 and γ2 and does not need to be verified in the area covered by the obscuration."

Sheet H12/2, the table, for dimension "f", column "Tolerance", "Filament lamps of normal production" replace the reference to footnote 11/ by a minimum value to read: "4.8 min".

Sheet H13/1, text in captions, correct the word "Passin" to read "Passing" (twice) (English only).

Sheet H13/2, footnote 6/, amend to read:

"6/ Glass bulb shall be optically distortion-free axially and cylindrically within the angles β and δ. This requirement applies to the whole bulb circumference within the angles β and δ and does not need to be verified in the area covered by the opaque coating."

Sheet H13/2, footnote 7/, amend to read:

"7/ The opaque coating shall extend at least to the cylindrical part of the bulb on the whole bulb top circumference. It shall moreover extend at least to a plane parallel to the reference plane where γ crosses the outer bulb surface (view B as indicated on sheet H13/1)."

Sheet H14/2, footnote 4/, amend to read:

"4/ Glass bulb shall be optically distortion free within the angles γ1 and γ2 . This requirement applies to the whole bulb circumference within the angles γ1 and γ2 and does not need to be verified in the area covered by the obscuration."

Sheet H14/2, footnote 5/, amend to read:

"5/ The obscuration shall extend at least to the cylindrical part of the bulb on the whole bulb top circumference. It shall, moreover, extend at least to a plane parallel to the reference plane where γ3 crosses the outer bulb surface (view B as indicated on sheet H14/1)."

Sheet H14/3, footnotes 10/ and 11/ (former), should be deleted.

Sheet H14/3, the table, the references to footnote 12/ and footnote 12/, renumber as references to footnote 10/ and footnote 10/.

Sheet H14/3, the IEC cap designation, correct "Cap P38t-33" to read "Cap P38t".

Sheet H14/4, the text below the table, amend to read:

" …. the driving beam filament.

Notes concerning the filaments diameter:
- No actual diameter restrictions apply but the objective for future developments is to have d1 max. = 1.6 mm and d2 max. = 1.6 mm.
- For the same manufacture, the design diameter of standard filament lamps and filament lamps of normal production shall be the same.

The positions of the …. "

Sheet HB4/2, footnote 7/, amend to read:

"7/ Glass bulb periphery shall be optically distortion-free axially and cylindrically within the angles γ1 and γ2. This requirement applies to the whole bulb circumference within the angles γ1 and γ2 and does not need to be verified in the area covered by the obscuration."

Sheet P13W/2, the table, correct IEC sheet number, to read: "sheet 7004-147-1".

Sheet PR21/4W/1, the figure to the left, insert the reference to the footnote "5/" (English, French, Russian) and correct the reference to footnote "3/" to the reference to footnote "4/" (French only).

Sheet PR21/5W/1, the figure to the left, insert the reference to the footnote "4/" (French only).

Sheet PR27/7W/1, the figure to the left, insert the reference to letter "a" (Russian only) and the reference to footnote "5/" (French only).

Sheet PY27/7W/1, the figure to the left, insert the reference to the footnote "5/" (French only).

Sheet W15/5W/1, the table, correct the IEC sheet number, to read "sheet 7004-151-1".

Annex 1, (French text only)

Page 79, CATEGORIES HB4 AND HB4A - Sheet HB4/3 (French text only), correct the table to read: "Flux lumineux 1095 ± 15 % ".

Page 108, CATEGORY P21/5W - Sheet P21/5W/1 (French text only), correct the table to read: "Flux lumineux de référence : 440 et 35 lm à 13,5 V environ".

Page 124, CATEGORY PY27/7W - Sheet PY27/7W/1, footnote 3/ (French text only), correct to read: "3/ A vérifier au moyen d'un "box-system" (feuilles P27/7W/2 et 3)."

Page 145, CATEGORIES WP21W AND WPY21W - Sheet WP21W/2) (French text only), correct the table to read: "Dimension : h = 9,0".

Pages 43, 47, 54, 85, 97, 100, 103, 112, 119, 120, 122, and 146, various footnotes (French text only), correct "gabarit de positionnement" to read "Box System".
