**SLR-32-21/Rev.1**

Table of contents, amend to read:

”Contents *Page*

1. Scope 3

2. Definitions 4

3. Administrative provisions 4

4. General technical requirements 13

5. Specific technical requirements 20

6. Conformity of Production 30

7. Transitional provisions 30

…”

Paragraph 3.5., delete:

“~~3.5. Conformity of production~~

~~The conformity of production procedures shall comply with those set out in the 1958 Agreement, Schedule 1 (E/ECE/TRANS/505/Rev.3), with the following requirements:~~

~~3.5.1. Lamps shall be so manufactured as to conform to the type approved under this Regulation. The compliance with the requirements set forth in paragraphs 4. and 5. shall be verified as follows:~~

~~3.5.1.1. The minimum requirements for conformity of production control procedures set forth in Annex 4 shall be complied with;~~

~~3.5.1.2. The minimum requirements for sampling by an inspector set forth in Annex 5 shall be complied with;~~

~~3.5.2. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be once every two years.~~

~~3.5.3. In the case of non-replaceable filament light source(s) or light source module(s) equipped with non-replaceable filament light source(s), the applicant shall annex to the type approval documentation a report, acceptable to the Authority responsible for type approval that demonstrates compliance of these non-replaceable filament light source with the requirements as specified in paragraph 4.11 of IEC 60809, Edition 3.~~”

Insert new paragraph 3.5. to read:

3.5. Conformity of production procedures

The conformity of production procedures shall comply with those set out in the 1958 Agreement, Schedule 1 (E/ECE/TRANS/505/Rev.3), with the requirements set forth in paragraph 6.

Insert new paragraph 6:

“6. Conformity of production

6.1. Lamps shall be so manufactured as to conform to the type approved under this Regulation. The compliance with the requirements set forth in paragraphs 4. and 5. shall be verified as follows:

6.1.1. The minimum requirements for conformity of production control procedures set forth in Annex 4 shall be complied with;

6.1.2. The minimum requirements for sampling by an inspector set forth in Annex 5 shall be complied with;

6.1.3. For the minimum values required throughout the fields specified in Annexes 2 and 3 the respective maximum deviations of the measured values shall correspond to the values shown in Table 12:

# Table 12:

# 20 and 30 per cent values for CoP

|  |  |  |
| --- | --- | --- |
| *Required minimum value* | *Equivalent 20 per cent* | *Equivalent 30 per cent* |
| cd | cd | cd |
| 0,7 | 0,5 | 0,3 |
| 0,6 | 0,4 | 0,2 |
| 0,3 | 0,2 | 0,1 |
| 0,07 | 0,05 | 0,03 |
| 0,05 | 0,03 | 0,02 |

6.1.3.1. For rear-registration plate illuminating lamps with respect to the gradient of luminance the unfavourable deviation shall be as shown in Table 13:

# Table 13:

# 20 and 30 per cent values for CoP, Rear-registration plate illuminating lamps

|  |  |  |
| --- | --- | --- |
| *Unfavourable deviation* | | |
| 2.5 x Bo/cm | comparable to | 20 per cent |
| 3.0 x Bo/cm | comparable to | 30 per cent |

6.2. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be once every two years.

6.3. In the case of non-replaceable filament light source(s) or light source module(s) equipped with non-replaceable filament light source(s), the applicant shall annex to the type approval documentation a report, acceptable to the Authority responsible for type approval that demonstrates compliance of these non-replaceable filament light source with the requirements as specified in paragraph 4.11 of IEC 60809, Edition 3.“

Former paragraph 6., renumber to paragraph 7:

”7~~6~~. Transitional provisions

**7**~~6~~.1 General

**7**~~6~~.1.1. Contracting Parties applying this Regulation shall continue to accept UN type-approvals of the lamps (functions), to any of the preceding series of amendments to this Regulation, which are not affected by the changes introduced by the latest series of amendments.

To verify this, the change index applicable to the pertinent lamp (function) shall not differ from its change index as indicated in the latest series of amendments.

**7**~~6~~.1.2. Contracting Parties applying this Regulation shall not refuse to grant extensions to UN type-approvals according to any preceding series of amendments to this Regulation.“

Annex 4, par. 1.2.1. to 1.2.1.1., amend to read:

“1.2.1. No measured value deviates unfavourably by more than 20 per cent from the values prescribed in **Par. 6 to** this Regulation

~~For the minimum values required throughout the fields specified in Annexes 2 and 3 the respective maximum deviations of the measured values shall correspond to the values shown in Table A4-1:~~

# ~~Table A4-1~~

# **~~20 and 30 per cent values for CoP~~**

|  |  |  |
| --- | --- | --- |
| *~~Required minimum value~~* | *~~Equivalent 20 per cent~~* | *~~Equivalent 30 per cent~~* |
| ~~cd~~ | ~~cd~~ | ~~cd~~ |
| ~~0,7~~ | ~~0,5~~ | ~~0,3~~ |
| ~~0,6~~ | ~~0,4~~ | ~~0,2~~ |
| ~~0,3~~ | ~~0,2~~ | ~~0,1~~ |
| ~~0,07~~ | ~~0,05~~ | ~~0,03~~ |
| ~~0,05~~ | ~~0,03~~ | ~~0,02~~ |

~~1.2.1.1. For rear-registration plate illuminating lamps:~~

~~With respect to the gradient of luminance the unfavourable deviation shall be:~~

# ~~Table A4-2~~

# **~~20 and 30 per cent values for CoP, Rear-registration plate illuminating lamps~~**

|  |  |  |
| --- | --- | --- |
| *~~Unfavourable deviation~~* | | |
| ~~2.5 x Bo/cm~~ | ~~comparable to~~ | ~~20 per cent~~ |
| ~~3.0 x Bo/cm~~ | ~~comparable to~~ | ~~30 per cent~~ |

“

Annex 4, Par.2.5.1., amend to read:

“2.5. Criteria governing acceptability

The manufacturer is responsible for carrying out a statistical study of the test results and for defining, in agreement with the competent authority, criteria governing the acceptability of his products in order to meet the requirements laid down for verification of conformity of products in paragraph **6.1.**~~3.5.1.~~ of this Regulation.

The criteria governing the acceptability shall be such that, with a confidence level of 95 per cent, the minimum probability of passing a spot check in accordance with Annex 5 would be 0.95.”

Annex 5, Par. 1.2., amend to read:

“1.2. With respect to photometric performance, the conformity of mass-produced lamps shall not be contested if, when testing the photometric performancesset forth in paragraph 4.7. of this Regulation of any lamp chosen at random:

(a) No measured value deviates from the values prescribed in paragraph **6.1.3. of this Regulation**~~1.2.1. in Annex 4~~.

(b) If, in the case of a lamp equipped with a replaceable light source and if results of the test described above do not meet the requirements, tests on lamps shall be repeated using another standard light source.”

Annex 5, Par. 2.5., amend to read:

“5. Approval withdrawn

As required according to paragraphs 4.1. and 4.2., approval shall be withdrawn according to paragraph 3.**5**~~6~~. of this Regulation.”