**SLR-37-05**

1. Proposal for an amendment to the original series of amendments to UN Regulation No. 148 (light signalling devices)

4.6.1. Failure of a single lamp containing more than one light source

4.6.1.1. In a single lamp containing more than one light source, a group of light sources, wired so that the failure of any one of them causes all of them to stop emitting light, shall be considered to be one light source.

4.6.1.2. In case of failure of any one light source in a single lamp containing more than one light source, at least one of the following provisions shall apply:

(a) The light intensity complies with the minimum intensity required in the pertinent table of standard light distribution in space as shown in Annex 3 and when all light sources are illuminated the maximum intensities shall not be exceeded; or

(b) A signal for activation of a tell-tale indicating failure, as indicated in paragraphs 6.4.8., 6.7.8., 6.9.8, 6.10.8., 6.11.8., 6.12.8., 6.13.8. and 6.18.8. of UN Regulation No. 48, is produced, provided that the luminous intensity in the axis of reference is at least 50 per cent of the minimum intensity required. In this case a note in the communication form states that the lamp is only for use on a vehicle fitted with a tell-tale indicating failure.

4.6.1.3. The requirements of paragraph 4.6.1.2. do not apply to daytime running lamps that shall comply with the requirements of paragraph 5.4.4..

**However, the requirements of paragraph 4.6.1.1. are still applicable.**

4.6.1.4. The requirements of paragraph 4.6.1.2. do not apply to direction indicator lamps of category 1, 1a, 1b, 2a and 2b, that shall comply with the requirements of paragraph 5.6.3..

**However, the requirements of paragraph 4.6.1.1. are still applicable.**

4.6.1.5. The requirements of paragraph 4.6.1.2. do not apply to registration plate lamps.

**However, the requirements of paragraph 4.6.1.1. are still applicable.**

4.6.1.6. The requirements of paragraph 4.6.1.2. (b) do not apply to stop- and position lamps for vehicles of category L.

**However, the requirements of paragraph 4.6.1.1. and paragraph 4.6.1.2. (a) are still applicable.**

1. Proposal for an amendment to the 01 series of amendments to UN Regulation No. 148 (light signalling devices)

4.6. Failure provisions

4.6.1. Failure of a single lamp containing more than one light source

4.6.1.1. In a single lamp containing more than one light source, a group of light sources, wired so that the failure of any one of them causes all of them to stop emitting light, shall be considered to be one light source.

4.6.1.2. In case of failure of any one light source in a single lamp containing more than one light source, at least one of the following provisions shall apply:

(a) The light intensity complies with the minimum intensity required in the pertinent table of standard light distribution in space as shown in Annex 3 and when all light sources are illuminated the maximum intensities shall not be exceeded; or

(b) A signal for activation of a tell-tale indicating failure, as indicated in paragraphs 6.4.8., 6.7.8., 6.9.8, 6.10.8., 6.11.8., 6.12.8., 6.13.8. and 6.18.8. of UN Regulation No. 48, is produced, provided that the luminous intensity in the axis of reference is at least 50 per cent of the minimum intensity required. In this case a note in the communication form states that the lamp is only for use on a vehicle fitted with a tell-tale indicating failure.

4.6.1.3. For daytime running lamps**, instead of the requirements of paragraph 4.6.1.2. and in addition to the requirements of paragraph 4.6.1.1., the following provisions apply:**

 **I**n case of failure of any one light source in a single lamp containing more than one light source, one of the following provisions shall apply:

(a) The light intensity at the points of standard light distribution defined in paragraph 2.2. of Annex 3 shall be at least 80 per cent of the minimum intensity required; or

(b) The light intensity in the axis of reference shall be at least 50 per cent of the minimum intensity required, provided that a note in the communication form states that the lamp is only for use on a vehicle fitted with an operating tell-tale.

4.6.1.4. For direction-indicator lamps of categories 1, 1a,1b, 2a, 2b, 11, 11a, 11b, 11c and 12**, instead of the requirements of paragraph 4.6.1.2. and in addition to the requirements of paragraph 4.6.1.1., the following provisions apply:**

 **A** signal for activation of the tell-tale prescribed in paragraph 6.5.8. of Regulation No. 48 or paragraph 6.3.8. of Regulation No. 53 shall be produced if (notwithstanding the provisions stated in paragraph 4.6.):

(a) Any one light source has failed; or

(b) In the case of a lamp designed for only two light sources, the intensity in the axis of reference is less than 50 per cent of the minimum intensity required; or

(c) As a consequence of a failure of one or more light sources, the intensity in one of the following directions as indicated in paragraph 2.1. of Annex 3, is less than the minimum intensity required:

(i) H=0°, V=0°

(ii) H=20° outwards, V= +5°

(iii) H=10° inwards, V= 0°.4.6.1.5. The requirements of paragraph 4.6.1.2. do not apply to rear registration platelamps. **However, the requirements of paragraph 4.6.1.1. are still applicable.**

4.6.1.6. The requirements of paragraph 4.6.1.2. (b) do not apply to stop- and position lamps for vehicles of category L. **However, the requirements of paragraph 4.6.1.1. and paragraph 4.6.1.1. (a) are still applicable.**

C. Justification:

1. No text yet