

Proposal for Supplement [4] to the original series of amendments to UN Regulation No. 150 (Retro-Reflective Devices)

The text reproduced below was prepared by the GRE Informal Working Group on Simplification of Lighting and Light-Signalling Regulations (IWG SLR) with the aim to re-align the requirements of the UN Regulation No. 150 with those of the frozen UN Regulations No. 3, 27, 69, 70 and 104.

The modifications to UN Regulation No. 150 are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Paragraph 5.5.2.1., amend to read:

“5.5.2.1. Five test samples representing planes of retro-reflective marking materials have to be submitted to the test laboratory. **In the case of stripes, at least a length of 3 meters shall be provided; ~~in~~ in the case of planes, at least a surface of 500 mm x 500 mm shall be provided.**”

Annex 1

Item 9, amend to read:

“9. ~~Remarks:~~

Concise description:

In isolation/part of an assembly of devices:²

Colour of light emitted: white/red/amber:²

Installation as an integral part of a lamp, which is integrated into the body of a vehicle: yes/no²

Geometric conditions of installation and relating variations, if any:

Only for limited mounting height of equal to or less than 750 mm above the ground: yes/no² ”

Insert a new Item 12, to read:

“12. **Position of the approval mark:**”

Renumber existing Items 12 and 13, to read

“~~12~~13. Place:

~~13~~14. Date:

Renumber existing Item 14, and amend to read:

“~~14.~~**15.** Signature:
Name:.....”

Renumber existing Item 15, to read:

“~~15.~~**16.** Annexed is a list of documents making up the approval file, deposited with the Type Approval Authority which granted approval; a copy can be obtained on request. ”

Annex 6

Paragraph 1, amend to read:

“1. Test procedure in the case of moulded plastics reflectors of retro-reflecting devices as Classes IA, IB, IIIA, IIIB, IVA, SMV, ~~Marking plates of Classes 1, 2, 3, 4, 5,~~ and Advance warning triangle of type 1:
...”

Paragraph 2, amend to read:

“2. Test procedure in the case of use of flexible materials for Classes C, **D, E, F**, Marking plates of Classes 1, 2, 3, 4, 5 and Advance warning triangle of type 2:
...”

II. Justification

1. The proposed provisions are contained in UN Regulation Nos. 3, 27, 69, 70 and 104 but unintentionally were not included in the text of the existing UN Regulation No. 150.
2. Paragraph 5.5.2.1.: The test procedure for marking materials in case of stripes is defined in UN Regulation No. 104 and shall be added.
3. Annex 1 “Communication”: in UN Regulation No. 3 the concise description of the retroreflector is required and shall be added. Consequently, the subsequent points of the list had to be renumbered.
4. Annex 6, Paragraph 1: For Classes 1 to 5, two test procedures (paragraph 1 and 2) are applied in UN Regulation No. 150. On the other hand, UN Regulation No. 70, Annex 9 does not specify the test procedure of paragraph 1 of R150. Therefore, it is wrong to apply Classes 1 to 5 to paragraph 1.
5. Annex 6, Paragraph 1: The heat test has not been applied to Classes D and E. However, Annex 8 to UN Regulation No. 104 does not exclude Classes D and E, therefore Classes D and E should also be included.