

Proposal for draft Supplement 16 to Regulation No. 23
(Reversing lamps for power-driven vehicles and their trailers)

The text reproduced below was prepared by the expert from Poland to clarify the regulation text. The modifications to the existing text of the Regulation are marked in **bold** characters.

A. PROPOSAL

In Table of Contents, amend to read:

"ANNEXES

Annex 1 - Communication concerning the approval or extension or refusal or withdrawal of approval or production definitely discontinued of a type of reversing lamp pursuant to Regulation No. 23

Annex 2 - Examples of arrangements of approval marks

Annex 3 - Photometric measurements

Annex 4 - Minimum requirements for conformity of production control procedures

Annex 5 - Minimum requirements for sampling by an inspector"

Paragraph 8, amend to read:

"8. COLOUR OF LIGHT EMITTED

The colour of the light emitted inside the field of the light distribution grid defined at paragraph 2. of Annex 3 shall be white. **For checking these colorimetric characteristics, the test procedure described in paragraph 7. of this Regulation shall be applied.** Outside this field no sharp variation of colour shall be observed

However, for lamps equipped with non-replaceable light sources (filament lamps and other), the colorimetric characteristics should be verified with the light sources present in the lamp, in accordance with relevant subparagraphs of paragraph 7.1. of this Regulation."

Paragraph 9.2., amend to read:

"9.2. The minimum requirements for conformity of production control procedures set forth in **Annex 4** to this Regulation shall be complied with."

Paragraph. 9.3. amend to read:

"9.3. The minimum requirements for sampling by an inspector set forth in **Annex 5** to this Regulation shall be complied with."

Annex 4, to be deleted

Annex 5 (former), renumber as Annex 4.

Annex 4 (new), paragraph 2.5., 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 specifications laid down for verification of conformity of products in paragraph 9.1. 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** (first sampling) would be 0.95."

Annex 6 (former), renumber as Annex 5.

B. JUSTIFICATION

The deletion of requirements of chromaticity in the form of coordinates makes Annex 4 superfluous. Proposition deletes Annex 4, inserts its content to paragraph 8 and renumbers remaining Annexes. Annex 4 mentioned the need to check colorimetric characteristics with a light source corresponding to illuminant A, then conditions of par. 7 were called. Paragraph 7 states that a standard filament lamp should be used supplied with the voltage necessary to produce the reference luminous flux. Those two requirements are, mostly, in contradiction with each other. Proposed wording of paragraph 8 is in conformity with previously adopted changes e.g. in Regulation No. 7 except for the text transferred from Annex 4.

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