Proposal for Collective Amendments to Regulations Nos. 3, 7, 23, 45, 87, 98, 112, 113 and 123

Submitted by the expert from the Working Party "Brussels 1952"*

The text reproduced below was prepared by the expert from the Working Party "Brussels 1952" (GTB) to correct and harmonize the provisions concerning approval markings. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters. The modifications of the figures are indicated in RED characters.
I. Proposal

A1. Proposal for supplement 13 to the 02 series of amendments to Regulation No. 3

Paragraph 4.3., amend to read:

"4.3. The markings must be applied on the illuminating surface, or on one of the illuminating surfaces, of the retro-reflecting device and must be visible from the outside when the retro-reflecting device is fitted on the vehicle."

A2. Proposal for supplement 21 to the 02 series of amendments to Regulation No. 7

Annex 3, amend to read:

"Annex 3

EXAMPLES OF ARRANGEMENTS OF THE APPROVAL MARKS

1. Front position lamp

The device bearing the approval mark shown above is a front position lamp approved in the Netherlands (E4), under approval number 221 pursuant to Regulation No. 7.

The number mentioned close to the symbol "A" indicates that approval was granted in accordance with the requirements of Regulation No. 7 as amended by the 02 series of amendments. The horizontal arrow indicates the side on which the required photometric specifications are met up to an angle of 80° H. The vertical arrow starting from a horizontal segment and directed downwards indicates a permissible mounting height of equal to or less than 750 mm from the ground for this device."
A3. Proposal for supplement 19 to the original series of amendments to Regulation No. 23

Annex 2, Figure 1, amend to read:

"Annex 2
EXAMPLES OF ARRANGEMENTS OF APPROVAL MARKS

Figure 1
Marking for single lamps

Model A

![Marking for single lamps]

a = 5 mm min"

A4. Proposal for supplement 7 to the 01 series of amendments to Regulation No. 45

Annex 3, Figures 1 and 2, amend to read:

"Annex 3
Arrangements of the approval marks

1. Arrangement of the approval mark for a headlamp cleaner

![Arrangement of the approval mark for a headlamp cleaner]

The above approval mark .... as amended by the 01 series of amendments.

Note: The approval number ......, in order to prevent any confusion with other symbols.
II. Arrangements of approval marks for a vehicle with regard to headlamp cleaners

A5. Proposal for supplement 16 to the 00 series of amendments to Regulation No. 87

Paragraph 4.1., amend to read:

"4. MARKINGS
Daytime running lamps submitted for approval shall,
4.1. bear on the lens the trade name or mark of the applicant; this marking must be clearly legible and be indelible,"

A6. Proposal for supplement 4 to the 01 series of amendments to Regulation No. 98

Annex 2., amend to read:

"Annex 2
EXAMPLES OF ARRANGEMENTS OF APPROVAL MARKS"
A7. Proposal for to supplement 4 to the 01 series of amendments to Regulation No. 112

Insert new paragraph 3.5.3., to read:

"3.5. LED module(s) submitted along with the approval of the lamp:

3.5.1. shall bear the trade name or mark of the applicant. This marking shall be clearly legible and indelible;

3.5.2. shall bear the specific identification code of the module. This marking shall be clearly legible and indelible.

This specific identification code .... shall be from the same applicant.

3.5.3. If the LED module(s) are non-replaceable, the markings for LED module(s) are not required."

Annex 2., amend to read:

"Annex 2
EXAMPLES OF ARRANGEMENT OF APPROVAL MARKS

<table>
<thead>
<tr>
<th>CR 00</th>
<th>HCR 00</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 4 30</td>
<td>E 4 30</td>
</tr>
<tr>
<td>243</td>
<td>243</td>
</tr>
</tbody>
</table>

Figure 1  a ≥ 8 mm (on glass)  Figure 2  a ≥ 5 mm (on plastic material)"
A8. Proposal for supplement 2 to the 01 series of amendments to Regulation No. 113

*Insert new paragraph 3.7.3.*, to read:

"3.7. LED module(s) submitted along with the approval of the lamp shall bear:

3.7.1. the trade name or mark of the applicant. This marking shall be clearly legible and indelible;

3.7.2. the specific identification code of the module. This marking shall be clearly legible and indelible.

This specific identification code…, but both markings shall be from the same applicant.

3.7.3 If the LED module(s) are non-replaceable, the markings for LED module(s) are not required."

Annex 2., amend to read:

""

**Annex 2**

**Examples of arrangement of approval marks**

**Figure 1**

\[
\begin{array}{c}
C-AS \\
\text{a} \\
\text{a} \\
\text{a} \\
\text{E4} \\
\text{00 243} \\
\end{array}
\]

- \(a \geq 5\text{ mm for Class A headlamp}\)

**Figure 2**

\[
\begin{array}{c}
CR-BS \\
\text{a} \\
\text{a} \\
\text{a} \\
\text{E4} \\
\text{00 243} \\
\end{array}
\]

- \(a \geq 8\text{ mm for Class B, C, D and E headlamp}\)
- \(a \geq 8\text{ mm (on glass)}\)
- \(a \geq 5\text{ mm (on plastic material)}\)

A9. Proposal for supplement 4 to the 01 series of amendments to Regulation No. 123

*Insert new paragraph 3.5.3.*, to read:

"3.5. LED module(s) submitted along with the approval of the AFS:
3.5.1. Shall bear the trade name or mark of the applicant. This marking shall be clearly legible and indelible;

3.5.2. Shall bear the specific identification code of the module. This marking shall be clearly legible and indelible.

This specific identification code shall …. from the same applicant.

3.5.3. If the LED module(s) are non-replaceable, the markings for LED module(s) are not required."

Annex 2., amend to read:

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Annex 2
EXAMPLES OF ARRANGEMENTS OF APPROVAL MARKS
Example 1
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II. Justification

1. This proposal is intended to introduce corrections and to harmonize the marking requirements for lighting, light-signalling and associated devices.

2. Location of markings (Regulation No. 3)

Regulation No.3 requires the trade mark, the TOP mark and the approval mark on the illuminating surface. However, other regulations only require the markings to be visible from the outside when the device is fitted on the vehicle. In order to align the regulations, it is proposed to amend the paragraph 4.3.

3. Minimum size of approval mark (Regulations Nos. 7, 23, 45, 98, 112, 113 and 123)

To remove various discrepancies regarding the minimum size of the approval markings the following amendments are proposed:

(a) Lighting devices except for reversing lamp: $a \geq 8$ mm (on glass), $a \geq 5$ mm (on plastic material)
(b) All devices except for lighting devices: \( a \geq 5 \text{ mm} \)

(c) In Regulation No. 7, the dimension "a" has inadvertently been omitted following earlier amendments. It is necessary to provide it again.

4. Location of trade mark (Regulation No. 87)

Regulation No. 87 requires that the trade mark is located on the lens but, as the other regulations do not specify its location, it is proposed to harmonize Regulation No. 87 accordingly.

5. Marking for LED modules (Regulations Nos. 112, 113 and 123)

The markings for LED module(s) are needed to avoid incorrect replacement. Therefore, in the case that a LED module is not replaceable, these markings are not required.