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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Construction of Vehicles

DRAFT SUPPLEMENT 2 TO THE 02 SERIES OF AMENDMENTS
TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its thirteenth session, following the recommendation by the Working Party at its one-hundred-and-nineteenth session. It is based on document TRANS/WP.29/1999/34, as amended (TRANS/WP.29/689, para. 149).

Paragraph 5.16., amend to read:

"5.16. Number of lamps

5.16.1. The number of lamps mounted on the vehicle should be equal to the number(s) specified in each of the paragraphs 6.1. to 6.19.

Paragraphs 6.2.4.1. and 6.4.4.2., amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles".

Paragraph 6.5.3., amend to read :

"6.5.3. Arrangements (see figure below)

A: Two front direction indicator lamps of the following categories :

1 or 1a or 1b : (unchanged)

1a or 1b : (unchanged)

1b : (unchanged)

two rear direction-indicator lamps (category 2a or 2b);

two optional lamps (category 2a or 2b) on all vehicles in categories M₂, M₃, N₂, N₃.

two side direction-indicator lamps ...

..... (unchanged)

B: Two rear direction-indicator lamps (category 2a or 2b);

two optional lamps (category 2a or 2b) on all vehicles in categories O₂, O₃ and O₄."

Paragraph 6.5.4.1., amend to read:

"6.5.4.1. In width: the edge ... outer edge of the vehicle. This condition shall not apply to the optional rear lamps.

The distance between the inner edges ... "

Paragraph 6.5.4.2.1., amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles".

Paragraph 6.5.4.2.3., amend to read :

"6.5.4.2.3. If the structure of the vehicle does not permit these upper limits, measured as specified above, to be respected, and if the optional lamps are not installed, they may be increased ... categories 1, 1a, 1b, 2a and 2b."

Insert a new paragraph 6.5.4.2.4., to read:

"6.5.4.2.4. If optional lamps are installed, they shall be placed at a height compatible with the applicable requirements of paragraph 6.5.4.1., the symmetry of the lamps, and at a vertical distance as large as the shape of the bodywork makes it possible, but not less than 600 mm above the mandatory lamps."

Paragraph 6.5.4.3., amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles".

Paragraph 6.5.5.1., amend to read:

"6.5.5.1. Horizontal angles (see figure below).

Vertical angles: 15 above and below ... category 6. The vertical angle above the horizontal may be reduced to 5° if the optional lamps are not less than 2,100 mm above the ground.

..... (FIGURE unchanged)";

In addition note (*) below the figure, amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles"

Paragraph 6.5.5.2., amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles"

Paragraph 6.5.8., amend to read:

"... thus formed to be detected.

For the optional pair of direction-indicator lamps on trailers/operating tell-tale shall not be mandatory."

Paragraph 6.7.2., amend to read:

"6.7.2. Number

To S1 or S2 category devices and one S3 category device on all categories of vehicles.

6.7.2.1. Except the case where category S3 device is installed, two optional category S1 or S2 devices may be installed on vehicles in categories M₂, M₃, N₂, N₃, O₂, O₃, and O₄.

6.7.2.2. Only, when the median longitudinal plane ...
.....
or to the right of the median longitudinal plane."

Paragraph 6.7.4.1., amend to read:

"6.7.4.1. In width:
For M₁ and N₁ category vehicles : "

Paragraph 6.7.4.2., amend to read:

"6.7.4.2. In height:

6.7.4.2.1. For S1 or S2 category devices: ... within 1,500 mm and if the optional lamps are not installed. If the optional lamps are installed, they shall be positioned at a height compatible with the requirements of the width and the symmetry of the lamps, and at a vertical distance as large as the shape of the bodywork makes it possible, but not less than 600 mm above the mandatory lamps).

6.7.4.2.2. For S3 category devices ...
.....
apparent surface of S1 or S2 categories devices."

symmetry of the lamps, and at a vertical distance as large as the shape of the bodywork makes it possible, but not less than 600 mm above the mandatory lamps."

Paragraph 6.10.5., amend to read:

6.10.5. Geometric visibility

6.10.5.1. Horizontal angle: 45° inwards and 80° outwards.

 Vertical angle: 15° above ... 750 mm above the ground. The vertical angle above the horizontal may be reduced to 5° in the case of optional lamps not less than 2,100 mm above the ground."

Paragraphs 6.10.5.2., 6.12.4.2., 6.14.4.1., 6.16.4.1. and 6.17.4.3., amend the words "M₁ category vehicles" to read "M₁ and N₁ category vehicles".

