

Proposal for a Supplement to the 06 and 09 series of amendments to UN Regulation No. 48

The text reproduced below was prepared by the expert from the Republic of Korea to clear the additional category 5 device provisions. The modifications to the existing text are marked in bold for new and strikethrough for deleted characters.

I. Proposal

Paragraph 6.5.3.1., amend to read:

6.5.3.1 In addition, for vehicles of categories:

- (a) M₂, M₃, N₂, and N₃ of above 6 m and up to including 9 m in length one additional category 5 device **per side** is optional;
- (b) M₂, M₃, N₂, and N₃ exceeding 9 m in length three additional category 5 devices distributed as evenly as practicable along each side are mandatory;
- (c) O₃ and O₄ three category 5 devices distributed as evenly as practicable along each side are mandatory.

These requirements do not apply if there are at least three amber side marker lamps that flash in phase and simultaneously with the direction indicator lamps on the same side of the vehicle.

II. Justification

1. At the 72nd GRE(ECE/TRANS/WP.29/GRE/2014/33, GRE-72-22, Annexes VI to the report ECE/TRANS/WP.29/GRE/72) and 175th WP.29(ECE/TRANS/WP29/2015/21) sessions, a proposal concerning the flashing of direction indicators and side marker lamps was adopted to enhance the safety of vulnerable road users by improving the visibility of intended turns of buses, heavy goods vehicles, and their trailers.
2. In Regulation No. 48, it is required that, in the absence of specific instructions, lamps forming a pair be installed on the vehicle symmetrically with respect to the median longitudinal plane.
3. By explicitly stating “*per side*”, potential differences in interpretation among Contracting Parties during the type approval procedure can be avoided, ensuring that a uniform standard is applied. This provides legal certainty in the approval process and enhances predictability for both manufacturers and approval authorities.
4. Other provisions of UN Regulation No. 48 (e.g. paragraph 6.5.3.1 (b), (c)) already use the expression “*along each side*”, and paragraph 6.5.3 also contains the wording “*per side*” (e.g. “*A maximum of three optional category 5 or one optional category 6 device per side on vehicles of type O2, exceeding 9 m in length*”). Therefore, using the same wording ensures consistency across provisions of the Regulation.