Proposal for amendments to the 02 series of amendments to UN Regulation No. 152 (AEBS)

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) and from the European Association of Automotive Suppliers (CLEPA), to amend the document ECE/TRANS/WP.29/2025/16. The modifications to ECE/TRANS/WP.29/2025/16 are marked in **bold, blue** characters.

I. Proposal

Paragraph 6.11.1., amend to read:

6.11.1.   Virtual testing may be used by request of the vehicle manufacturer as an alternative for some of the tests described in paragraphs 6.4. to 6.6 6.7. The virtual testing shall be verified and validated according to Annex 4 and used in accordance with Annex 4.

Paragraph 6.11.3., amend to read:

6.11.3.   In order to demonstrate that the complete physical system can reliably deliver the required performance, at least 30 per cent* of required tests shall be performed physically including at least one test of each scenario variant described in paragraphs 6.4 to 6.6 6.7 relevant for the approval. The tests to be performed shall be agreed between the manufacturer and Type Approval Authority or its Technical Service. Those tests already performed as part of the model validation, and corresponding to the vehicle type approval, can be considered as part of the 30 per cent of required tests.

Annexe 4, paragraph 3.1., amend to read:

3.1.   Compliance of the Advanced Emergency Braking System with the performance requirements as defined in paragraphs 5.2.1 to 5.2.2. of this Regulation may be demonstrated by the vehicle manufacturer to the Type Approval Authority or its Technical Service by making use of virtual testing of the dynamic maneuvers described in the paragraph(s) 6.4. to 6.6 6.7. of this Regulation.

II. Justification

1.   The 02 series of amendments contains provisions for Car-to-Bicycles tests in paragraph 6.7 of the regulation.

2.   Hence the document ECE/TRANS/WP.29/2025/16 should refer to that paragraph 6.7. as well, in order to include it into the virtual testing provisions.

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