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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

194th session

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Item 4.9.3 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRVA

Proposal for Supplement 23 to the 11 series of amendments to UN Regulation No. 13 (Heavy vehicle braking)

Submitted by the Working Party on Automated/Autonomous and Connected Vehicles*

The text reproduced below was adopted by the Working Party on Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its nineteenth session (ECE/TRANS/WP.29/GRVA/19, para. 76). It is based on informal document GRVA-19-11. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2024 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Paragraph 4.5 of Annex 15., amend to read:

- “4.5. Type II test (downhill behaviour test):
- 4.5.1. This test is required only if, on the vehicle-type in question, the friction brakes are used for the Type-II test as required by Annex 4 paragraph 1.6 (i.e. with a six per cent slope) or 1.8.2.5 (b) (i.e. with a seven per cent slope).
- 4.5.2. Brake linings for power-driven vehicles of Category M₃ (except for those vehicles required to undergo a Type-IIA test according to paragraph 1.6.4. of Annex 4 to this Regulation) and Category N₃, and trailers of Category O₄ shall be tested according to the procedure set out in paragraph 1.6.1. of Annex 4 to this Regulation.

Brake linings for power-driven vehicles of Category M₃ and Category N₃ required to undergo a Type-IIA test according to paragraph 1.6.4. of Annex 4 to this Regulation and only complying with this requirement by application of provisions of paragraph 1.8.2.5 of Annex 4 to this Regulation, shall be tested according to the procedure set out in paragraph 1.8.2.5 (b) of Annex 4 to this Regulation.”
