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Item 4.10.1 of the provisional agenda

1958 Agreement – Consideration of amendments to draft Regulations submitted by GRRF

Proposal for amendments to draft Supplement 9 to the 11 series of amendments to Regulation No. 13 (Heavy vehicles braking) *

Submitted by the Working Party on Brakes and Running Gear **

The text reproduced below was adopted by the Working Party on Brakes and Running Gear (GRRF) at its seventy-first session to update the cross references impacted by ECE/TRANS/WP.29/2011/94. It is based on GRRF-71-03 and is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* This document has been submitted late in order to include information on the latest progress in this work.

** In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Annex 11 – Appendix 2

Paragraph 2.2.2.2., amend to read:

"2.2.2.2. The brake input ... to produce diagram 2 of Annex 19-Part 1."

Paragraph 3.5.1., amend to read:

"3.5.1. Supplementary cold performance test

The preparation of ... with paragraph 4.4.2. of Annex 19-Part 1 of this Regulation.

In the case, ... according to paragraph 4.4.3. of Annex 19-Part 1 of this Regulation, ... verification according to paragraph 4.4.3. of Annex 19-Part 1.

It is permissible to carry out ... in accordance with paragraph 4. of Annex 19-Part 1 of this Regulation.

It is also ... one after the other.

Some brake applications according to Annex 19-Part 1, paragraph 4.4.2.6. may be ... by the brake manufacturer."

Paragraph 3.8., the second table, row (f), amend to read:

"

(f) Declared threshold torque $C_{0,dec}$	It shall be checked that the brake performance remains within the corridors of Diagram 2 of Annex 19-Part 1.
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"

Paragraph 3.9.1., amend to read:

"3.9.1. Test report number

The test report ... a dot or slash.

The base part ... (according to paragraph 4. of Annex 19-Part 1 to this Regulation)."

Paragraph 4.3.1.1., amend to read:

"4.3.1.1. The predicted actuator ... the procedure defined in item paragraph 2. of Annex 19-Part 1 to this Regulation ... Appendix 1 of Annex 19."

Annex 11 – Appendix 3

Paragraph 2.3.3., amend to read:

"2.3.3. This item ... defined in paragraph 4. of Annex 19-Part 1 to this Regulation to ... brake factor (B_F)."

Paragraph 4., amend to read:

"4. This test ... where appropriate paragraph 4. of Annex 19-Part 1 to Regulation No. 13 ... amendments."

Annex 19

Paragraph 4.4.2.9., amend to read:

"4.4.2.9. If the manufacturer ...

... The results of at least 3 tests in accordance with paragraph 4.4.3.4. of Annex 19-Part 1 conducted under the conditions of the laden Type-0 test..."

Annex 19 – Appendix 1

Paragraph 3.3.1., amend to read:

"3.3.1. Pressure range over which the above effective stroke is valid: (see paragraph 2.3.4. of Annex 19-Part 1)."

Annex 20

Paragraph 7.3.1.4., amend to read:

"7.3.1.4. With the brakes ... in accordance with paragraph 5.4.1.2.4.2. of Annex 19-Part 1 to this Regulation, the energy storage ..."

Paragraph 7.4.2.1., amend to read

"7.4.2.1. The relationship of ... referred to in paragraph 5.2. of Annex 19-Part 1 to this Regulation."

Paragraph 7.4.8.1., amend to read

"7.4.8.1. Any installation limitations ... referred to in paragraph 5.2. of Annex 19-Part 1 to this Regulation shall apply."
