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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

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Geneva, 24-27 June 2008
Item 4.2.4 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 1 to the 05 series of amendments to Regulation No. 16
(Safety-belts)

Submitted by the Working Party on Passive Safety (GRSP) */

The text reproduced below was adopted by GRSP at its forty-second session. It is based on ECE/TRANS/WP.29/GRSP/2007/21, amended as indicated in Annex II to the report. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRSP/42, para. 34).

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 6.3.1.2., insert the reference to a new footnote 4/ and footnote 4/ and amend to read:

"6.3.1.2. The width of the strap under load of 980 daN + 100 daN shall be not less than 46 mm. This dimension shall be measured according to the test prescribed in paragraph 7.4.3., stopping the machine at the above mentioned load. 4/

4/ The test has not been performed for woven straps in twill construction with high-tenacity polyester yarns as those webbings get wider under load. In that case the width without load shall be $\geq 46\text{mm}$."

Paragraph 7.4.1.1., amend to read:

"7.4.1.1. Temperature-conditioning and Hygrometrics

The strap shall be conditioned in accordance with ISO 139 (2005), using the alternative standard atmosphere. If the test is not carried out immediately after conditioning, the specimen shall be placed in a hermetically-closed receptacle until the test begins. The breaking load shall be determined within 5 minutes after removal of the strap from the conditioning atmosphere or from the receptacle."

Paragraph 7.4.1.2.1., amend to read:

"7.4.1.2.1. The provisions of Recommendation ISO 105-B02 (2002) shall apply. The strap shall be exposed to light for the time necessary to produce a contrast equal to Grade 4 on the grey scale on Standard Blue Dye No. 7."

Paragraph 7.4.2.3., should be deleted.

Paragraph 7.4.2.4., renumber as 7.4.2.3.

Paragraph 7.4.2.5., renumber as 7.4.2.4.

Insert new paragraphs 7.4.3. to 7.4.3.3., to read:

"7.4.3. Width under load

7.4.3.1. The test shall be carried out each time on two new samples of strap, of sufficient length conditioned in conformity with the provisions of paragraph 7.4.1.

7.4.3.2. Each strap shall be gripped between the clamps of a tensile-testing machine. The clamps shall be so designed as to avoid breaking of the strap at or near them. The speed of traverse shall be about 100 mm/min. The free length of the specimen between the clamps of the machine at the start of the test shall be $200\text{ mm} \pm 40\text{ mm}$.

7.4.3.3. When the load reaches 980 daN + 100 daN, the machine shall be stopped and the measurement shall be completed within 5 seconds. The test has do be performed separately from the tensile test."

Paragraph 7.6.2.2., the reference to footnote 4/ and footnote 4/, renumber as footnote 5/.
