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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

World Forum for Harmonization of Vehicle Regulations (WP.29)

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Geneva, 14-17 November 2006  
Item 4.2.47. of the provisional agenda

**PROPOSAL FOR SUPPLEMENT 4 TO REGULATION No. 104**

(Retro-reflective markings)

Submitted by the Working Party on Lighting and Light-Signalling (GRE)

Note: The text reproduced below was adopted by GRE at its fifty-sixth session. It is based on ECE/TRANS/WP.29/GRE/2006/21 and GRE-56-19, both adopted as reproduced in Annex 3 to the report. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/56, para. 45).

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The list of contents, the annexes, delete the reference to Annex 9, including its Appendices 1 and 2.

The text of the Regulation,

Paragraphs 2.1.1., 2.1.2. and 2.1.3. (definitions), should be deleted.

Paragraph 2.1.4. (former), renumber as paragraph 2.1.1. and amend to read:

"2.1.1. "Sample unit" means .... the markings as defined in paragraph 2.2.1."

Paragraph 7.2., footnote 3/, amend to read:

"3/ Nothing in this .... as defined in paragraphs 7.2.1. and 7.2.2."

Annex 4, Paragraph 1., amend to read:

"1. Five test samples representing either .... in the case of planes, at least a surface of 500 mm x 500 mm shall be provided."

Annex 8, insert a new paragraph 9., to read:

"9. Flexing

9.1. For samples that are to be adhered to a flexible substrate, i.e. tarpaulin, the following shall apply:

"9.1.1. A specimen of the sample unit that measures 50 mm by 300 mm shall be bent once lengthwise, around a 3.2 mm mandrel with adhesive contacting the mandrel for a period of 1 second.

The test temperature shall be 23 °C ± 2 °C.

Note: For ease of testing, spread talcum powder on the adhesive to prevent sticking to the mandrel.

9.1.2. After this test, specimen shall not have cracking of the surface and shall not show any visible change that would reduce its effective performance.

Annex 9, should be deleted (including Appendices 1 and 2)."

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