

## **Proposal for Correction to ECE/TRANS/WP.29/GRRF/2013/32**

The text reproduced below was prepared by the expert from IMMA to introduce editorial improvements that have been identified since the submission of the formal document.

### **I. Proposed corrections**

" Annex 3

1.1.3 Measurement of PBC

The PBC is measured as ~~determined by the approval authority~~ using either:

- (a) ~~the American Society for Testing and Materials~~ **An ASTM International (ASTM) E1136-93 (Re-approved 2003)** standard reference test tyre, in accordance with ASTM Method E1337-90 **(Re-approved 2008)**, at a speed of 40 mph ~~without water delivery~~; or
- (b) the method specified in the Appendix 1 to this Annex

**Note 1: A representative vehicle may be acceptable for PBC measurement by method (b) if that vehicle has shown the same nominal PBC on both high  $\mu$  and low  $\mu$  as previously determined by method (a).**

**Note 2: PBC measurement of the surface shall be carried out at least once a year. PBC measurement shall be completed prior to testing if any major maintenance or alterations that may significantly modify the PBC have occurred since the last measurement.**

### **II. Justifications**

#### **A. Justification 1**

Paragraph 5.1.4 Parking brake system:

Paragraph 1.1.4 of Annex 3, Parking brake system tests:

- (a) Currently in paragraph 5.1.4 Parking Brake System is described as.

"If a parking brake system is fitted, it shall hold the vehicle stationary on the slope prescribed in paragraph 8.2."

And in "paragraph 8 in Annex 3"

- "8. Parking brake system test – for vehicles equipped with parking brake
- 8.1. Vehicle condition:

- (a) The test is applicable to vehicle categories ~~3-2, 3-4 and 3-5~~ **L<sub>2</sub>, L<sub>4</sub> and L<sub>5</sub>**;
- (b) Laden;
- (c) Engine disconnected.

8.2. Test conditions and procedure:

- (a) -----
- (b) -----"

Because "in paragraph 8.2 of Annex 3" is described in paragraph ~~5.1.4.~~, it can be jumped from paragraph 5.1.4 to paragraph 8.2 of Annex 3.

In this case objective category described in paragraph 8.1. for parking brake test can be ignored, and it can be also misunderstood that category ~~3-1 and 3-3~~ **L<sub>1</sub> and L<sub>3</sub>** are also objected for parking brake test.

This proposal is to prevent this misunderstanding.

## **B. Justification 2**

Annex 3. Test conditions, procedures and performance requirements

Paragraph 1.1.3 Measurement of PBC

- (a) Currently in 1.1.General in ~~4.1.1.3~~ **Appendix 1 to Annex 3** the following is described.
  - "(a) The test is to establish a PBC for the vehicle type when being braked on the test surfaces described in **Annex 3, paragraphs 1.1.1 and 1.1.2** ~~of Annex 3.~~"