

Proposal for amendments to Regulation No. 117

Submitted by the experts from ETRTO

The text reproduced below was prepared by the experts from ETRTO in order to introduce the reference to the recently published standard ISO 10844:2014. This document is based on E/ECE/324/Rev.2/Add.116/Rev.3–E/ECE/TRANS/505/Rev.2/Add.116/Rev.3. The modifications to the existing text of the Regulation are shown in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 3, paragraph 2.1, amend to read:

"2.1. Test site

The test site shall consist of a central section surrounded by a substantially flat test area. The measuring section shall be level; the test surface shall be dry and clean for all measurements. The test surface shall not be artificially cooled during or prior the testing.

The test track shall be such that the conditions of a free sound field between the sound source and the microphone are attained to within 1 dB(A). These conditions shall be deemed to be met if there is no large sound reflecting objects, such as fences, rocks, bridges or building within 50 m of the centre of the measuring section. The surface of the test track and the dimensions of the test site shall be in accordance with ISO 10844:~~2011~~ **2014**.

A central part of at least 10 m radius shall be free of powdery snow, tall grass, loose soil, cinders or the like. There shall be no obstacle, which could affect the sound field within the vicinity of the microphone and no persons shall stand between the microphone and the sound source. The operator carrying out the measurements and any observers attending the measurements shall position themselves so as not to affect the readings of the measuring instruments."

Annex 3, Appendix 1, Part 2, amend to read:

" Part 2 - Test data

1. Date of test:

2. Test vehicle (Make, model, year, modifications, etc.):

2.1. Test vehicle wheelbase: mm

3. Location of test track:

3.1. Date of track certification to ISO 10844:~~2011~~ **2014**:

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- 3.2. Issued by:
 - 3.3. Method of certification:
 - 4. Tyre test details:
 - 4.1. Tyre size designation:
 - 4.2. Tyre service description:
 - 4.3. Reference inflation pressure: kPa"

II. Justification

This proposal is aiming a full harmonization of UN Reg.117.02 with the proposed collective amendment to UN Reg. 9, 41, 51 and 63 making reference to the recently published standard ISO 10844:2014 instead of ISO 10844:2011.