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Item 7(d) of the provisional agenda

Tyres – Regulation No. 117 (Tyres - Rolling resistance, rolling noise and wet grip)

Proposal for Supplement 03 to the 02 series of amendments to Regulation No. 117

Submitted by the expert from the European Tyre and Rim Technical Organisation*

The text reproduced below was prepared by the expert from the European Tyre and Rim Technical Organisation (ETRTO). Modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* 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.

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 are 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 Annex 4 to this Regulation **or in accordance to ISO 10844:2011**.

A central part ... of the measuring instruments."

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

"3.1. Date of track certification to ISO 10844:1994:
3.2. Date of track certification to ISO 10844:2011:
3.23. Issued by:
3.34. Method of certification:"

II. Justification

1. Some Technical Services and tyre manufacturers are today facing the need to build or to renew their test track for compliance. Building the test track according to the new ISO 10844:2011 is recommended.
 2. The current UN Regulation No. 117, 02 series of amendments, should be maintained for the test track requirements.
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