

27 November 2013

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## Agreement

### **Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions\***

(Revision 2, including the amendments which entered into force on 16 October 1995)

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#### **Addendum 116 – Regulation No. 117**

#### **Revision 2 - Amendment 3**

Supplement 3 to the 02 series of amendments – Date of entry into force: 3 November 2013

#### **Uniform provisions concerning the approval of tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance**



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\* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Annex 6,

Paragraph 6.2., amend to read:

"6.2. Temperature correction

If measurements at temperatures other than 25 °C are unavoidable (only temperatures not less than 20 °C or more than 30 °C are acceptable), then a correction for temperature shall be made using the following equation, with:

$F_{r25}$  is the rolling resistance at 25 °C, in Newton:

$$F_{r25} = F_r [1 + K(t_{amb} - 25)]$$

Where:

$F_r$  is the rolling resistance, in Newton,

$t_{amb}$  is the ambient temperature, in degree Celsius,

$K$  is equal to:

0.008 for Class C1 tyres

0.010 for Class C2 and C3 tyres with a load index equal or lower than 121

0.006 for Class C3 tyres with a load index greater than 121"

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