16 January 2019

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations 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 United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 84 – UN Regulation No. 85

Revision 1 - Amendment 2

Supplement 8 to the original version of the Regulation – Date of entry into force: 29 December 2018

Uniform provisions concerning the approval of internal combustion engines or electric drive trains intended for the propulsion of motor vehicles of categories M and N with regard to the measurement of the net power and the maximum 30 minutes power of electric drive trains

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2018/50.

UNITED NATIONS

* Former titles 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 (original version);
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, done at Geneva on 5 October 1995 (Revision 2).

Paragraph 5.3.1.3., amend to read:

"5.3.1.3. Immediately prior to the test, the motor shall be run on the bench for three minutes delivering a power equal to either 80 per cent of the maximum 30 minutes power or 80 per cent of the maximum peak power at a speed recommended by the manufacturer, within the speed range determined in paragraph 5.3.2.2. Following the completion of this run, the power test shall be started within a maximum of 1 minute."

Annex 5

Paragraph 5.4.2., amend to read:

"5.4.2. Diesel engines - Factor α_d

The power correction factor (α_d) for diesel engines at constant fuel rate is obtained by applying the formula:

Where $\alpha_d = (f_a)^{f_m}$

f_a is the atmospheric factor

f_m is the characteristic parameter for each type of engine and adjustment"