

22 February 2017

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)

Addendum 74 – Regulation No. 75

Revision 2 - Amendment 3

Supplement 16 to the original version of the Regulation – Date of entry into force:
9 February 2017

Uniform provisions concerning the approval of pneumatic tyres for L-category vehicles

This document is meant purely as documentation tool. The authentic and legal binding text is:
ECE/TRANS/WP.29/2016/55.



UNITED NATIONS

* 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.

Paragraph 6.1.1.1., amend to read:

"6.1.1.1. The section width shall be calculated by the following formula:

$$S = S_1 + K (A - A_1),$$

Where:

S is the "section width" rounded to the nearest millimetre and measured on the measuring rim;

S₁ is the "nominal section width" (in mm) as shown on the side wall of the tyre in the designation of the tyre as prescribed;

A is the width (expressed in mm) of the measuring rim, as shown by the manufacturer in the descriptive note;

A₁ is the width (expressed in mm) of the theoretical rim;

A₁ shall be taken to equal S₁ multiplied by the factor X specified by the manufacturer;

K shall be taken to equal 0.4."

Paragraph 6.1.2.1., amend to read:

"6.1.2.1. The outer diameter of a tyre shall be obtained by means of the following formula:

$$D = d + 2H$$

Where:

D is the outer diameter expressed in millimetres;

d is the nominal rim diameter defined in paragraph 2.16.3. above, expressed in millimetres;

H is the nominal section height rounded to the nearest millimetre and is equal to

$$H = S_1 \cdot 0.01 Ra, \text{ where}$$

S₁ is the nominal section width in millimetres;

Ra is the nominal aspect ratio;

all as shown on the sidewall of the tyre in the tyre-size designation in conformity with the requirements of paragraph 3.4. above."

Paragraph 6.1.4., amend to read:

"6.1.4. Tyre section width specification"

Paragraph 6.1.4.2., amend to read:

"6.1.4.2. It may exceed that value up to the value shown in Annex 5 or for sizes not included in Annex 5 by the following percentages, whereby the limits shall be rounded to the nearest millimetre (mm):"

Paragraph 6.1.5., amend to read:

"6.1.5. Tyre outer diameter specifications

6.1.5.1. The outer diameter of a tyre must not be outside the values D_{min} and D_{max} specified in Annex 5.

6.1.5.2. For sizes not listed in annex 5 the outer diameter of a tyre must not be outside the values D_{\min} and D_{\max} obtained from the following formulae:

$$D_{\min} = d + 2 \cdot H_{\min}$$

$$D_{\max} = d + 2 \cdot H_{\max}$$

Where:

$$H_{\min} = H \cdot a \quad \text{rounded to the nearest mm}$$

$$H_{\max} = H \cdot b \quad \text{rounded to the nearest mm}$$

and

H and d are as defined in paragraph 6.1.2.1. and a and b are as specified in paragraphs 6.1.5.2.1. and 6.1.5.2.2. respectively."