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

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UNITED NATIONS

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;
- \( S_1 \) 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;
- \( A_1 \) is the width (expressed in mm) of the theoretical rim;
- \( A_1 \) shall be taken to equal \( S_1 \) 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
  \[ H = S_1 \cdot 0.01 \text{Ra} \]
  where
  - \( S_1 \) is the nominal section width in millimetres;
  - \( \text{Ra} \) 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 \( D_{\text{min}} \) and \( D_{\text{max}} \) 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 \( D_{\text{min}} \) and \( D_{\text{max}} \) obtained from the following formulae:

\[
D_{\text{min}} = d + 2 \cdot H_{\text{min}} \\
D_{\text{max}} = d + 2 \cdot H_{\text{max}}
\]

Where:

\( H_{\text{min}} = H \cdot a \) rounded to the nearest mm

\( H_{\text{max}} = H \cdot b \) 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."