

Proposal for amendments to ECE/TRANS/WP.29/GRRF/2017/5

The changes to the original document are indicated in **red**.

Proposal for amendments to Regulation No. 106 (Uniform provisions concerning the approval of pneumatic tyres for agricultural vehicles and their trailers)

I. Proposal

Paragraph 2.15.7., amend to read:

"2.15.7. However for tyres listed in Annex 5 **and/or in [ECE/... (Resolution on Tyre sizes)]** the "tyre size designation" is that shown in the first column of those tables."

Paragraph 2.16. amend the table by adding diameter code 'd' 28.5 as follows:

<i>"d"</i>	<i>Value to be used for</i>
<i>symbol expressed</i>	<i>the calculation in</i>
<i>by code</i>	<i>paras. 6.2.1 and 6.4 (mm)</i>
<i>....</i>	<i>....</i>
26.5	673
28.5	724
30.5	775

Paragraph 2.18., amend to read:

"2.18. "Theoretical rim" means the notional rim whose width would be equal to X times the nominal section width of a tyre; the value "X" must be specified by the tyre manufacturer or the reference rim width is that mentioned in Annex 5 **and/or [ECE/... (Resolution on Tyre sizes)]** for the relevant "tyre size designation";"

Paragraph 3.1.8.2., amend to read:

"3.1.8.2. The inscription 'I-3' for implement tyres with traction tread as identified in Annex 5, Tables 5 and 6 **and/or in [ECE/... (Resolution on Tyre sizes)]**."

Paragraph 4.1.13., amend to read:

"4.1.13. The factor X referred to in paragraph 2.18. or the applicable table of Annex 5 **and/or of [ECE/... (Resolution on Tyre sizes)]**."

Paragraph 6.1.2., amend to read:

"6.1.2. However, for the types of tyre for which the size designation is given in the first column of the tables in Annex 5 **and/or** [ECE/... **(Resolution on Tyre sizes)**], the theoretical rim width (A1) and the nominal section width (S1) are given opposite the tyre size designation in those tables."

Paragraph 6.2.2., amend to read:

"6.2.2. However, for the types of tyres for which the size designation is given in the first column of the tables of Annex 5 **and/or** in [ECE/... **(Resolution on Tyre sizes)**] the outer diameter (D) and the nominal rim diameter (d) expressed in mm are given opposite the tyre size designation in those tables."

Paragraph 6.3.1., amend to read:

"6.3.1. The overall width of a tyre may be less than the section width determined pursuant to paragraph 6.1., or shown in Annex 5 **and/or** in [ECE/... **(Resolution on Tyre sizes)**];"

Paragraph 6.3.3., amend to read:

"6.3.3. However, for the types of tyre for which the size designation is given in the first column of the tables in Annex 5 **and/or** in [ECE/... **(Resolution on Tyre sizes)**], the allowed percentages are those given in the relevant tables, if any."

Paragraph 6.4.1.1., amend to read:

"6.4.1.1. For sizes listed in Annex 5 **and/or** in [ECE/... **(Resolution on Tyre sizes)**]: $H = 0,5 (D - d)$
(for references see paragraph 6.2. above)."

Paragraph 6.4.3., amend to read:

"6.4.3. However, for the types of tyre for which the size designation is given in the first column of the tables in Annex 5 **and/or** in [ECE/... **(Resolution on Tyre sizes)**], the allowed percentages are those given in the relevant tables, if any."

Annex 5, add the following sentence before Table 1:

"In case of Tyre Size designations not included in this Annex, refer to [ECE/...(Resolution on Tyre sizes)]."

II. Justification

Regulation No. 106 contains standardized tyre sizes, which often need to be updated, following the technical progress. In order to accelerate the update process of the Regulation and limit the number of amendments, it is proposed to insert in a new Resolution the standardized sizes and to refer to this Resolution in Annex 5. As a temporary solution to assess the effectiveness of such proposal, the Annex 5 of Regulation No. 106 will be kept as it is with no further updates. After a trial period of approximately two years and upon confirmation of effectiveness, the complete Annex 5 of Regulation No. 106 would be transferred to this Resolution on Tyre Sizes.

The amendment to the table listing the allowed Nominal rim diameters (d) is needed to allow the approval of standardized sizes which exist and are already on the waiting list for type approval.