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1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

Proposal for Supplement 1 to the 01 series of amendments UN Regulation No. 108 (Retreaded tyres for passenger cars and their trailers)

Submitted by the Working Party on Noise and Tyres*

The text reproduced below was adopted by the Working Party on Noise and Tyres (GRBP) at its eighty-first session (ECE/TRANS/WP.29/GRBP/79, para. 15). It is based ECE/TRANS/WP.29/GRBP/2025/15 as amended by GRBP-81-11-Rev.1, and ECE/TRANS/WP.29/GRBP/2024/24. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2025 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Paragraph 1.1., amend to read:

- "1.1. Retreaded tyres with a speed category below 120 km/h or suitable for speed above 300 km/h;"

Paragraph 2.3.2., amend to read:

- "2.3.2. "Snow tyre" means a tyre whose major features including tread pattern are primarily designed to achieve, in mud and/or snow conditions a performance better than that of a normal tyre with regard to its ability to initiate and control vehicle motion."

Paragraph 2.14., amend to read:

- "2.14. "Tread groove" means the space between two adjacent ribs and/or blocks in the tread pattern;"

Paragraph 2.21.3.2. (former), renumber as 2.21.3.3.

Paragraph 2.21.3.3. (former), renumber as 2.21.3.2.

Paragraph 2.21.3.4. (former), renumber as 2.21.3.3.1.

Paragraph 2.21.4., amend to read:

- "2.21.4. The nominal rim diameter"

Paragraph 2.22., amend to read:

- "2.22. "Nominal rim diameter" means a conventional number denoting the diameter of the rim on which a tyre is designed to be mounted; the diameter is expressed either by codes (numbers below 100) or in millimetres (numbers above 100) but not both."

Paragraph 2.21.4.1. (former), renumber as 2.22.1. and amend to read.

- "2.22.1. When the nominal rim diameter ("d" symbol) is expressed by code, the values of the "d" symbol as follows:

<i>Nominal Rim Diameter Code - "d"</i>	<i>Value of the "d" symbol expressed in mm</i>
8	203
9	229
10	254
11	279
12	305
13	330
14	356
15	381
16	406
17	432
18	457
19	483
20	508
21	533
22	559
23	584
24	610
25	635
26	660
27	686
28	711
29	737
30	762

"

Paragraph 2.15. (former), renumber as 2.14.1. and amend to read:

"2.14.1. "Principal grooves" means the wide tread grooves positioned in the central zone of the tyre tread. The central zone is the area on the tread which comprises of 75 per cent of the width of the tread measured symmetrically from the centre line. The central zone is the area on the tread which comprises of 75 per cent of the width of the tread measured symmetrically from the centre line."

Insert a new paragraph 2.14.2., to read:

"2.14.2. "Secondary grooves" means the supplementary tread grooves which may disappear in the course of the tyre's life."

Insert a new paragraph 2.15., to read:

"2.15. "Tread depth" means the depth of the principal grooves."

Paragraphs 2.48., 2.55., 3.4.1., 4.1.5.3.2.1., 4.1.5.3.2.2., 4.1.5.3.2.3., 6.6.3.1., 6.6.3.2., 6.6.3.3., 6.6.3.4., replace 'No. [XXX]' with 'No. 172'.

Paragraph 4.1.5.3.2., amend to read:

"4.1.5.3.2. The list of tyres classified as tyres for use in severe snow conditions."

Paragraph 7.1.1.1., amend to read:

"7.1.1.1. The section width S of a tyre fitted on the measuring rim shall be calculated by the following formula:

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

and rounded to the nearest millimetre,

where:

S_1 : is the value of the 'Design Section Width', referred to the measuring rim, as quoted in the International Tyre Standard specified by the retreader for the tyre size in question;

A : is the width of the test rim in millimetres;

A_1 : is the width in millimetres of the measuring rim as quoted in the International Tyre Standard specified by the retreader for the tyre size in question.

K : is a factor and shall be taken to equal 0.4."

Paragraph 7.1.4., amend to read:

"7.1.4. Tyre overall width specifications"

Annex 3, paragraph 3., amend to read:

"3. The positioning and order of the markings shall be as follows:

(a) the size designation as defined in paragraph 2.21. of this Regulation shall be grouped as shown in the above example:

185/70 R 14 and 185-560 R 400A

(b) the service description comprising the load index and the speed symbol shall be placed immediately after the tyre size designation as defined in the paragraph 2.21. of this Regulation;

(c) the symbols "TUBELESS", "REINFORCED" or "EXTRA LOAD", "M + S" and "ET" and "POR" may be at a distance from the size designation.

(d) the word "RETREAD" may be at a distance from the size designation."