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Item 4.8.3 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

Proposal for Supplement 27 to the 02 series of amendments to UN Regulation No. 30 (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.12). It is based on ECE/TRANS/WP.29/GRBP/2025/9, as amended by GRBP-81-05-Rev.1 and by the session report. 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 2.10., replace “ISO 4000-1:2021” with “ISO 4000-1:2024”.

Paragraph 2.19., amend to read:

"2.19. *"Tread groove"* means the space between two adjacent ribs and/or blocks in the tread pattern ^{2/};"

Paragraph 2.25.3.2. (former), renumber as 2.25.3.3.

Paragraph 2.25.3.3. (former), renumber as 2.25.3.2.

Paragraph 2.25.3.4. (former), renumber as 2.25.3.3.1.

Paragraph 2.25.3.5. (former), renumber as 2.25.3.4.

Insert a new paragraph 2.25.3.4.1. to read:

"2.25.3.4.1. on run flat or self-supporting tyres suitable for speeds in excess of 240 km/h but not exceeding 300 km/h (tyres marked with the speed-category symbol "W" or "Y" as part of the service description), the letters "RF", placed before the nominal rim diameter, may be replaced with the inscription "ZRF"; on tyres suitable for speeds in excess of 300 km/h, the letters "RF" placed in front of the nominal rim diameter shall be replaced by the inscription "ZRF";"

Paragraph 2.25.4., amend to read:

"2.25.4. the nominal rim diameter;"

Paragraphs 2.26. and 2.26.1., amend to read:

"2.26. *"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;

2.26.1. When the nominal rim diameter ("d" symbol) is expressed by code, the values of the "d" symbol expressed in millimetres are as follows:
 ..."

Paragraph 2.39., delete.

Paragraph 2.39.1. (former), renumber as 2.19.1. and amend to read:

"2.19.1. *"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."

Paragraph 2.39.2. (former), renumber as 2.19.2. and amend to read:

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

Insert a new paragraph 2.39., to read:

"2.39. *"Tread depth"* means the depth of the principal grooves."

Note to paragraph 5.4.1., amend to read:

"The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in Annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3)."

Paragraph 6.1.1.1., amend to read:

"6.1.1.1. 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:

..."

Paragraph 6.1.4., amend to read:

"6.1.4. Tyre overall width specifications"

Paragraph 6.1.5.4., amend to read:

"6.1.5.4. For tyres of the category of use "snow tyre" the outer diameter shall not exceed the following value

$$D_{\max, \text{snow}} = 1.01 \cdot D_{\max} \quad \text{rounded to the nearest mm}$$

where D_{\max} is the maximum outer diameter established for normal use tyres in conformity with the above."

Paragraph 6.3.2., amend to read:

"6.3.2. In order to be classified as a professional off-road tyre, a special use tyre shall have all of the following characteristics:

- (a) a tread depth ≥ 11 mm and
 - (b) a void-to-fill ratio ≥ 35 per cent and
 - (c) a speed category less than or equal to 160 km/h (speed category symbol Q)."
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