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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 172nd session

Geneva, 20-23 June 2017

Item 4.8.4 of the provisional agenda

**1958 Agreement: Consideration of draft amendments  
to existing Regulations submitted by GRRF**

### **Proposal for Supplement 19 to the 02 series of amendments to Regulation No. 30 (Tyres for passenger cars and their trailers)**

#### **Submitted by the Working Party on Brakes and Running Gear\***

The text reproduced below was adopted by the Working Party on Brakes and Running Gear (GRRF) at its eighty-third session (ECE/TRANS/WP.29/GRRF/82, para. 31). It is based on ECE/TRANS/WP.29/GRRF/2016/33 as corrected as well as ECE/TRANS/WP.29/GRRF/2016/34. 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 2017 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

GE.17-05893(E)



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## Supplement 19 to the 02 series of amendments to Regulation No. 30 (Tyres for passenger cars and their trailers)

*Paragraph 3.1.6.*, amend to read:

- "3.1.6. The inscription M+S or M.S or M&S if the tyre is classified in the category of use "snow tyre" or if the tyre is classified in the category of use "special use tyre" when declared by the tyre manufacturer at paragraph 4.1.3. as complying also with the definition given in paragraph 2.6."

*Paragraph 3.1.7.*, amend to read:

- "3.1.7. The inscription "ET" and/or "POR" if the tyre is classified in the category of use "Special use". In addition, they may also bear the inscription M+S or M.S or M&S.

ET means Extra Tread and POR means Professional Off Road."

*Paragraph 4.1.3.*, amend to read:

- "4.1.3. The category of use (normal tyre or snow tyre, or special use tyre, or for temporary use);
- 4.1.3.1. For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S."

*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 2.23. above, expressed in millimetres;

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

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

$S_1$  is the nominal section width in millimetres (mm);

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 6.1.5.4.*, 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 in conformity with the above."

*Paragraph 12.*, amend to read:

**"12. Names and addresses of technical services responsible for conducting approval tests, of test laboratories, and of Type Approval Authorities."**

*Annex 7,*

*Paragraphs 2.2.2. to 2.2.4.*, amend to read:

- "2.2.2. The maximum load rating associated with a maximum speed of 240 km/h for tyres Speed Symbol "V" (see para. 2.37.2. of this Regulation).
- 2.2.3. The maximum load rating associated with a maximum speed of 270 km/h for tyres with speed symbol "W" (see paragraph 2.37.3. of this Regulation).
- 2.2.4. The maximum load rating associated with a maximum speed of 300 km/h for tyres with speed symbol "Y" (see paragraph 2.37.4. of this Regulation)."

*Paragraph 2.5.2.*, amend to read:

- "2.5.2. Initial test speed: prescribed maximum speed for the type of tyre (see paragraph 2.34.1. of this Regulation), less 40 km/h in the case of the smooth wheel having  $1.70\text{ m} \pm 1$  per cent in diameter or less 30 km/h in the case of the smooth wheel having  $2\text{ m} \pm 1$  per cent in diameter;"
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