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Item 7(c) of the provisional agenda

Tyres – Regulation No. 54**Proposal for Supplement 22 to the 00 series of amendments to Regulation No. 54 (Tyres for commercial vehicles and their trailers)****Submitted by the expert from the European Tyre and Rim Technical Organisation***

The text reproduced below was prepared by the expert from the European Tyre and Rim Technical Organisation to propose editorial corrections to Regulation No. 54. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* 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.



I. Proposal

Paragraph numbers 2.17.1.3.1., correct to read 2.20.1.3.1.

Paragraph 3.1.5., amend to read:

"3.1.5. 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 ~~2.2.2.~~ 2.5.2."

Paragraph 3.1.10., amend to read (delete the reference to footnote 5):

"3.1.10. An indication, by the "PSI" index, of the inflation pressure to be adopted for the load/speed endurance tests, as explained in Annex 7, Appendix 2. However, this indication, which it is permissible to restrict to one sidewall, shall not be mandatory, on any tyre submitted for approval, until two years after the date of entry into force of this Regulation⁵

Paragraph 6.1.5.3.3., amend to read:

"6.1.5.3.3. For snow tyres 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.

~~For tyres of the category of use "snow tyre" the outer diameter (D_{\max}) established in conformity with the above may be exceeded by one per cent."~~

Appendix 1 note 1, amend to read:

"Endurance-test programme

Load index	Tyre speed category symbol	Test-drum speed		Load placed on the wheel as a percentage of the load corresponding to the load index		
		Radial-ply km/h ⁻¹	Diagonal (bias-ply) km/h ⁻¹	7 h.	16 h.	24 h.
122 or more	F	32	32	66 %	84 %	101 %
	G	40	32			
	J	48	40			
	K	56	48			
	L	64	-			
	M	72	-			
121 or less	F	32	32	<u>70 %</u>	<u>88 %</u>	106 %
	G	40	40			
	J	48	48	<u>4 h.</u>	<u>6 h.</u>	114 %
	K	56	56			
	L	64	56	75 %	97 %	114 %
	M	80	64			
N	88	-	75 %	97 %	114 %	

<i>Load index</i>	<i>Tyre speed category symbol</i>	<i>Test-drum speed</i>		<i>Load placed on the wheel as a percentage of the load corresponding to the load index</i>		
		<i>Radial-ply km/h¹</i>	<i>Diagonal (bias-ply) km/h¹</i>	<i>7 h.</i>	<i>16 h.</i>	<i>24 h.</i>
	P	96	-	75 %	97 %	114 %

Notes:

(1) "Special-use" tyres (see paragraph 2.1.3. of this Regulation) should be tested at a speed equal to 85 per cent of the speed prescribed for equivalent normal tyres.

"

II. Justification

1. The introduction of new references in the Supplement 21 to Regulation No. 54 requested some renumberings in the rest of the Regulation.
2. The note on the end of paragraph 6.1.5.3.3. was redundant.
