

## **Proposal for amendments to ECE/TRANS/WP.29/GRRF/2015/39**

This document amends the official document ECE/TRANS/WP.29/GRRF/2015/39. The amendments to document ECE/TRANS/WP.29/GRRF/2015/39 are indicated in **blue** characters for new text and strikethrough **red** characters for deleted text.

### **I. Proposal**

*Para. 3.2.14.1, 3.2.14.2 and 3.2.15* amend to read:

3.2.14.1. this marking is optional in the case of tyres fitted on 5° drop centre rims, suitable for single and dual fitment, having a load ~~capacity~~ index in single fitment equal to or less than 121 and intended for the equipment of motor vehicles

3.2.14.2. this marking is mandatory in the case of tyres fitted on 5° drop centre rims, suitable for single fitment only, having a load ~~capacity~~ index equal to or greater than 122 and intended for the equipment of motor vehicles.

3.2.15. The suffix "CP" following the rim diameter marking referred to in paragraph 2.21.3. and, if applicable, after the tyre to rim configuration symbol referred to in paragraph 2.21.4. This marking is mandatory in the case of tyres fitted on 5° drop centre rims, having a load ~~capacity~~ index in single fitment equal to or less than 121 and specifically designed for the equipment of motor caravans.

*Annex 7, para. 2.2 and 2.2.1* amend to read:

2.2. Apply to the test axle a series of test loads equal to a percentage of the load indicated in Annex 4 to this Regulation, corresponding to the load index indicated on the tyre, and in accordance with the test programme below. Where the tyre has load ~~capacity~~ indices for operation in both single and twin or dual formation the load corresponding to the load index for single operation shall be used for the test.

2.2.1. In the case of tyres with a speed capacity greater than 150 km/h (speed ~~category~~ symbol "Q" and above, plus "H") the test procedure shall be as given in paragraph 3. of this annex.

*Annex 7, para. 3* amend to read:

3. Load/speed test programme for tyres having a speed capability greater than 150 km/h (speed ~~category~~ symbol "Q" and above, plus "H").

*Annex 7, para. 3.1.1 and 3.1.2* amend to read:

3.1.1. all tyres having a load ~~capacity~~ index in single fitment equal to or less than 121;

3.1.2. tyres having a load ~~capacity~~ index in single fitment equal to or greater than 122 and having the additional marking "C" or "LT" referred to in paragraph ~~3.2.13.~~ **3.2.14** of this Regulation.

Annex 7, Appendix 1, note (2) below the table with Endurance-test programme amend to read:

### Endurance-test programme

Load index	Speed symbol	Test drum speed [ $\text{min}^{-1} \text{ km.h}^{-1}$ ]		Load placed on the wheel as a percentage of the load corresponding to the load index		
		Radial ply	Diagonal (bias ply) and bias belted	7 h.	16 h.	24 h.
122 or more	F	100 <del>32</del>	100 <del>32</del>	66%	84%	101%
	G	125 <del>40</del>	100 <del>32</del>			
	J	150 <del>48</del>	125 <del>40</del>			
	K	175 <del>56</del>	150 <del>48</del>			
	L	200 <del>64</del>	-			
	M	225 <del>72</del>	-			
121 or less	F	100 <del>32</del>	100 <del>32</del>	70%	88%	106%
	G	125 <del>40</del>	125 <del>40</del>			
	J	150 <del>48</del>	150 <del>48</del>			
	K	175 <del>56</del>	175 <del>56</del>			
	L	200 <del>64</del>	175 <del>56</del>	4 h.	6 h.	114%
	M	250 <del>80</del>	200 <del>64</del>	75%	97%	
	N	275 <del>88</del>	-	75%	97%	
	P	300 <del>96</del>	-	75%	97%	

Notes:

(1) "*Special use*" tyres (see paragraph 2.3.2. of this Regulation) shall be tested at a speed equal to 85 per cent of the speed prescribed for equivalent normal tyres.

(2) Tyres having a load capacity index equal to or greater than ~~121~~ 122, a speed category symbol "N" or "P" and the additional markings "C" or "LT" included in the tyre size designation (referred to in paragraph ~~3.2.13.~~ 3.2.14. of this Regulation), shall be tested with the same programme as specified in the above table for tyres having a load capacity index equal to or less than 121.

## II. Justification

~~It is proposed to change measurement units for drum speed from  $\text{min}^{-1}$  to  $\text{km.h}^{-1}$  to align the requirements with other tyre regulations. It is proposed to amend:~~

1. incorrect wording "speed category symbol" to "speed symbol" (as defined in para. 2.33 of this Regulation)
2. incorrect wording "load capacity index" to "load index" (as defined in para. 2.32 of this Regulation).
3. ~~The proposed text also amends an~~ incorrect reference to para. 3.2.13. of the Regulation in Annex 7, Appendix 1
4. and an incorrect boundary value of load index in Annex 7, Appendix 1.