

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION N° 109

Transmitted by the expert from France

**A Proposal**

**Paragraph 7.1.4.2**

"It may exceed that value by 4 per cent in the case of radial-ply tyres and by 8 per cent in the case of diagonal (bias-ply) tyres. However, for tyres with nominal section width exceeding 305 mm intended for dual mounting (twinning), the value determined pursuant to paragraph 7.1.1 above shall not be exceeded by more than 2 per cent for radial-ply tyres with nominal aspect ratio higher than 60, or 4 per cent for diagonal (bias-ply) tyres."

**B Justifications**

We would like to harmonize Regulation 54 amendment 2 and Regulation 109 regarding overall width of a tyre specifications (R54 – para. 6.1.4.2 and R109 – para. 7.1.4.2).

Then, for example, the overall dimension width of a tyre 315/60 R 22.5 can not exceed the value calculated according to the formula  $S = S1 + K (A - A1)$  :

- **4 %** for regulation 54,

- Only **2 %** for Regulation 109.

So, for a new tyre 315/80 R 22.5, the maximal acceptable width is 326 mm and for a retread tyre, the maximal width can not exceed 319 mm.

**Current version of Regulation 54 and Regulation 109**

**R54 (included amendment 2)**

6.1.4. Tyre section width specifications

6.1.4.1. The overall width of a tyre may be less than the section width or widths determined pursuant to paragraph 6.1.1. above.

6.1.4.2. It may exceed that value by 4 per cent in case of radial ply tyre and by 8 per cent in the case of diagonal (bias-ply) tyres. However, for tyres with nominal section width exceeding 305 mm intended for dual mounting (twinning), the value determined pursuant to paragraph 6.1.1. above shall not be exceeded by more than 2 per cent for radial-ply tyres with nominal aspect ratio higher than 60, or 4 per cent for diagonal (bias-ply) tyres.

**R109**

7.1.4. Section width specifications:

7.1.4.1. The actual overall width may be less than the section width or widths determined in paragraph 7.1.

7.1.4.2. The actual overall width may also exceed the value or values determined in paragraph 7.1 by:

- 4 per cent in the case of radial ply tyres and
- 8 per cent in the case of diagonal (bias-ply) and bias belted tyres.

However, for tyres with a section width exceeding 305 mm, intended for fitting in dual (twin) formation, the nominal value or values shall not be exceeded by more than:

- 2 per cent in the case of radial ply tyres and
- 4 per cent for diagonal (bias-ply) and bias belted tyres.