



Informal document GRBP-71-08  
Agenda item 5 (a)

# **Proposals for amending tyre marking method in the UN regulations**

GRBP session 71, January 2020

# Background

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- The use of wording “moulded” is a technical limitation linked to the technology available at the time of the first issue of the regulations, but now is only one of the various technical solution.
- The removal of this technical limitation would be advisable following the principle of not stopping the technical innovations.
- ETRTO proposes to amend the UN regulations on tyres in order to allow tyre marking methods other than moulding by keeping the following criteria:
  1. Any technical solution alternative to the “moulding shall guarantee that the markings on the tyre sidewall is clearly legible and indelible.
  2. It shall be made sure that the marking of the manufacturing date will be done within 24 hours after de-moulding of the tyre (like in 49 CFR 574.5).
- Once amended the UN regulations on tyres it will be then possible and advisable to propose same requirements at global level to the other main countries not applying them (i.e. US, China and India) by amending the UN GTR 16.



## Proposals for amendment – example on UN R30

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*Paragraph 3.4., amend to read:*

“3.4. The markings referred to in paragraph 3.1 and the approval mark prescribed in paragraph 5.4 of this Regulation shall be ~~moulded~~ **clearly legible, indelible and raised above or sunk below the tyre surface** ~~on to or into the tyres. They shall be clearly legible and situated in the lower area of the tyre on at least one of its side walls, except for the inscription mentioned in paragraphs 3.1.1., 3.1.2. and 3.1.12.”~~

*Paragraph 3.4.1., amend to read:*

“3.4.1. **The markings shall be situated in the lower area of the tyre on at least one of its side walls, except for the inscriptions mentioned in paragraphs 3.1.1., 3.1.2. and 3.1.12.** However, for tyres identified by the "tyre to rim fitment configuration" (see para. 2.24.1.), symbol "A" or "U", the markings may be placed anywhere on the outside sidewall of the tyre.”

*Insert a new paragraph 3.4.2. to read*

“**3.4.2. In the case that the date of manufacture is not moulded, it shall be applied not later than 24 hours after the tyre is removed from the mould.**”



**Thank you for your attention.**