



# Economic and Social Council

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## Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Noise and Tyres

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Item 5 (a) of the provisional agenda

**Tyres: UN Regulation No. 30 (Tyres for passenger cars and their trailers)**

### Proposal for amendments to UN Regulation No. 30

**Submitted by the experts from the European Tyre and Rim Technical Organization\***

The text reproduced below was prepared by the experts from the European Tyre and Rim Technical Organization (ETRTO). The modifications to the existing text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



## I. Proposal

*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 on to or into the tyres. They shall be clearly legible,~~ **indelible and raised above or sunk below the tyre surface. 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 sidewalls, 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. 2.27.1.), 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.**”

## II. Justification

1. As presented in Informal document GRBP-71-08, 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.
2. The removal of this technical limitation would be advisable following the principle of not stopping the technical innovations.
3. ETRTO proposes to amend the UN Regulations on tyres in order to allow tyre marking methods other than moulding by keeping the following criteria:
  - Any technical solution alternative to the "moulding" shall guarantee that the markings on the tyre sidewall is clearly legible and indelible.
  - 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 the United States of America Code of Federal Regulations 49 CFR 574.5).
  - Once amending the UN Regulations on tyres, it will be then possible and advisable to propose same requirements at global level to other major countries not applying them (i.e. the United States of America, China and India) by amending UN Global Technical Regulation (GTR) No. 16.