Proposal for amendments to Regulation No. 13 (Braking)

Submitted by the expert from Japan*

The text reproduced below was prepared by the expert from Japan to clarify the requirements on electromagnetic compatibility in Regulations Nos. 13 and 13-H. It is based on document GRRF-73-14. The modifications to the current 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 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), 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

A. Regulation No. 13

Paragraph 5.1.1.4., amend to read:

"5.1.1.4. The effectiveness of the braking systems, including the electric control line, shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with the technical prescriptions and transitional provisions of Regulation No. 10, 04 series of amendments."

Annex 13, paragraph 4.4., amend to read:

"4.4. The operation of the anti-lock system shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with the technical prescriptions and transitional provisions of Regulation No. 10, 04 series of amendments."

Annex 19, Appendix 7, paragraph 3.7.1., amend to read:

"3.7.1. Documentation demonstrating compliance with the technical prescriptions and transitional provisions of Regulation No. 10, 04 series of amendments."

B. Regulation No. 13-H

Paragraph 5.1.1.4., amend to read:

"5.1.1.4. The effectiveness of the braking equipment shall not be adversely affected by magnetic or electrical fields. (This shall be demonstrated by compliance with the technical prescriptions and transitional provisions of Regulation No. 10, 04 series of amendments.)"

Annex 6, paragraph 4.3., amend to read:

"4.3. The operation of the anti-lock system must not be adversely affected by magnetic or electrical fields. (This shall be demonstrated by compliance with the technical prescriptions and transitional provisions of Regulation No. 10, 04 series of amendments.)"

II. Justification

1. At its 156th session, WP.29 endorsed the approach to use static or dynamic references to other UN Regulations on a case-by-case basis.

2. The static reference is appropriate because the Contracting Parties applying UN Regulation No. 13 or 13-H but not applying UN Regulation No. 10 can refer to the content of a specific version of UN Regulation No. 10 when considering the assessment of the electromagnetic compatibility of brake systems.