

Proposal for draft corrigendum to Regulation No. 13

The text reproduced below was prepared by the expert from The Netherlands. Modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 10,
Paragraph 4.1.2., amend to read:

"4.1.2. The provision of paragraph 4.1.1. does not have to be fulfilled, if a semi-trailer with a K_c factor less than 0.95 meets at least the braking performance specified in paragraph 3.1.~~2.1.~~ of Annex 4 to this Regulation."

II. Justification

Currently Annex 10 par. 4.1.2. makes a reference to Annex 4 paragraph 3.1.2.1. However paragraph 3.1.2.1. only deals with vehicles of the category O2 and O3. A reference to the performance of the category O4 (paragraph 3.1.3.1) is missing. That gives rise to the question if the exception applies also to category O4. By changing the reference 3.1.2.1 into paragraph 3.1 the braking performance of category O2/O3 as well as category O4 is covered.

History: In R13.06 (R13/Rev.2/Am.6) Annex 10 paragraph 4.1.2. was introduced with a reference to paragraph 4.1.2.1. of annex 4. Later, with the removal of the category L from regulation R13, the paragraph number 4.1.2.1. changed into the current paragraph number 3.1.2.1. At that time paragraph 3.1.2.1. had the same lay-out as currently and draws up the braking performance of the category O2 and O3.

The category O4 was dealt with in paragraph 3.1.3.1 stating; "*Test conditions and performance requirements are the same as for vehicles of categories O2 and O3;*"

In R13.09 sup. 2 (R13/Rev.3/Am.2) paragraph 3.1.3.1. was amended and got the same lay out as paragraph 3.1.2.1. Since then the reference in Annex 10 par. 4.1.2. to the braking performance of category O4 is lost.

At that time the reference to paragraph 3.1.2.1 in Annex 10 paragraph 4.1.2. should have been adapted. This proposal intends to correct that omission.

Below the relevant current text of regulation R13.11 just for information

Regulation R13

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Annex 4 Braking tests and performance of braking systems

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3. Performance of braking systems of vehicles of category O

3.1. Service braking system

3.1.1. Provision relating to tests of vehicles of category O₁:

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3.1.2. Provisions relating to tests of vehicles of categories O₂ and O₃:

3.1.2.1. If the service braking system is of the continuous or semi-continuous type, the sum of the forces exerted on the periphery of the braked wheels shall be at least x per cent of the maximum stationary wheel load, x having the following values:

	x [per cent]
Full trailer, laden and unladen:	50
Semi-trailer, laden and unladen:	45
Centre-axle trailer, laden and unladen:	50

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3.1.3. Provisions relating to tests of vehicles of category O₄:

3.1.3.1. If the service braking system is of the continuous or semi-continuous type, the sum of the forces exerted on the periphery of the braked wheels shall be at least x per cent of the maximum stationary wheel load, x having the following values:

	x [per cent]
Full trailer, laden and unladen:	50
Semi-trailer, laden and unladen:	45
Centre-axle trailer, laden and unladen:	50

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Annex 10

Distribution of braking among the axles of vehicles and requirements for compatibility between towing vehicles and trailers

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(Supplement 9 to the 11 series of amendments - Date of entry into force: 18 November 2012)

"4.1.2. The provision of paragraph 4.1.1. does not have to be fulfilled, if a semi-trailer with a K_c factor less than 0.95 meets at least the braking performance specified in paragraph 3.1.2.1. of Annex 4 to this Regulation."

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