

**Draft Corrigendum to Regulation No. 13 (Heavy vehicle braking)****Annex 12 of Regulation No. 13**

- 10.3. Check of braking efficiency
- 10.3.1. The sum of the braking forces exerted on the circumference of the trailer wheels shall not be less than  $B^* = 0.50 g \cdot G_A$ , including a rolling resistance of  $0.01 g \cdot G_A$ ; this corresponds to a braking force  $B$  of  $0.49 g \cdot G_A$ . In this case, the maximum permissible thrust on the coupling shall be:

$D^* = 0.067 g \cdot G_A$  in the case of multi-axled trailers with pivoted drawbar;

and

$D^* = 0.10 g \cdot G_A$  in the case of trailers with rigid drawbar.

To check whether these conditions are complied with the following inequalities shall be applied:

- 10.3.1.1.** In mechanical-transmission inertia braking systems:

$$\left[ \frac{B \cdot R}{\rho} + n \cdot P_o \right] \frac{1}{(D^* - K) \cdot \eta_H} \leq i_H$$

- 10.3.1.2. In hydraulic-transmission inertia braking systems:

- 10.4. Check of control travel

$$\left[ \frac{B \cdot R}{n \cdot \rho'} + P_o \right] \frac{l}{(D^* - K) \cdot \eta_H} \leq \frac{i_h}{F_{HZ}}$$

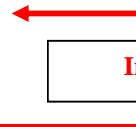
- 10.4.1. In control devices for multi-axled trailers with pivoted drawbars where the brake rod linkage depends on the position of the towing device, the control travel  $s$  shall be longer than the effective (useful) control travel  $s'$ , the difference being at least equivalent to the loss of travel  $s_o$ . The travel loss of  $s_o$  shall not exceed 10 per cent of the effective travel  $s'$ .

- 10.4.2. The effective (useful) travel of control  $s'$  shall be determined for single and multi-axle trailers as follows:

Paragraph number missing



Incorrect position



**Annex12, Appendix4**

- 6. Differential travel at park brake compensator
  - 6.1.1. Maximum permissible compensator travel (forward)  $s_{cf} =$  mm
  - 6.1.2. Maximum permissible compensator travel (rearward)  $s_{cr} =$  mm
  - 6.1.3. Maximum permissible differential compensator travel  $s_{cd} =$  mm
- 7. The inertia braking system described above complies/does not comply <sup>1</sup> with the requirements of paragraphs 3. to 10. of this annex.  
Signature ..... Date .....
- 8. This test has been carried out and the results reported in accordance with relevant provisions of Annex 12 to Regulation No. 13 as last amended by the .... series of amendments.

**Para. 10  
should be  
renumber as  
para. 9**