

REGULATION No. 107 (M₂ and M₃ vehicles)

Proposal for draft amendments to Regulation No. 107

Note: The text reproduced below was prepared by the expert from Belgium in order to introduce provisions for single deck Class III vehicles having part of their passenger compartment directly over the driver's compartment (overdeck vehicle). It is a revision of formal document ECE/TRANS/WP.29/GRSG/2009/10 distributed during the ninety-sixth session of the Working Party on General Safety Provisions (GRSG) (ECE/TRANS/WP.29/GRSG/75, para 6). The modifications to the current text of the Regulation are marked in bold or strikethrough characters.

A. PROPOSAL

Paragraph 2., amend to read:

"2.14. "Floor or deck": ~~means that part of the bodywork whose upper surface supports standing passengers, the feet of seated passengers and the driver and any crew member, and may support the seat mountings;~~

2.14.1. "Floor" means that part of the bodywork whose upper surface supports standing passengers, the feet of seated passengers and the driver and any crew member, and may support the seat mountings;

2.14.2. "Deck" means that part of the floor provided only for the passengers."

Annex 4, Figure 6, insert a new footnote 5/ in the table, to read:

Single deck						
Class		B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
A		550	350	500 <u>4/</u>	1,900 <u>4/</u>	900
B		450	300	300	1,500	900
I		550	450 <u>3/</u>	500 <u>4/</u>	1,900 <u>4/</u>	900
II		550	350	500 <u>4/</u>	1,900 <u>4/</u>	900
III		450	300 <u>2/</u>	500 <u>4/</u>	1,900 <u>4/ 5/</u>	900 <u>5/</u>
Double deck						
I	LD	550	450 <u>3/</u>	500	1,800 <u>1/</u>	1,020 <u>1/</u>
	UD	550	450 <u>3/</u>	500	1,680	900
II	LD	550	350	500	1,800 <u>1/</u>	1,020 <u>1/</u>
	UD	550	350	500	1,680	900
III	LD	450	300 <u>2/</u>	500	1,800 <u>1/</u>	1,020 <u>1/</u>
	UD	450	300 <u>2/</u>	500	1,680	900

5/ In the case of a vehicle with part of its deck directly over the driver's compartment, the overall height of the gauging device may be reduced (by reducing the height of the lower cylinder) from 1,900 mm to 1,680 mm in any part of the gangway forward to a transverse vertical plane which coincides with the centre line of the front axle.

B. JUSTIFICATION

It is proposed to reduce the height of the lower cylinder of the test gauge from 1.900 mm to 1.680 mm, in order to create more space for the driver and the crew below ceiling of the lower deck of an overdeck vehicle, without defining a new overdeck sub-category and without increasing the overall height of that vehicle. This partial reduction of the gangway height of the upper deck, starting from the front axle centre line and running up to the front of the first seat rows, still complies with the prescriptions for the gangway of the complete upper deck of a double-deck vehicle (1.680 mm).

The definition of double deck and double deck articulated vehicles only considers the spaces for passengers, so it is useful to differentiate between floor (which includes all the floor area) and deck (which only includes the floor area for passengers).

Footnote 5/ is introduced against "single deck Class III" vehicles to be sure that the "derogation" only applies to these vehicles.

Additional information

See pictures below of old and new situation.

WG56.029 - GANGWAY - DECK PARTLY OVER DRIVER'S COMPARTMENT



OLD



NEW
