

Further proposals to Regulation No. 66 (Strength of superstructure)

The proposals below are the consequence of the last modification of the regulation in relation to the extension of the scope.

Proposed modification in the main text

New paragraph:

5.6. Testing of double deck vehicles

In the case of a double deck vehicle only the upper level of the vehicle shall comply with the general requirement specified in paragraph 5.1. The whole lower level shall be considered as a rigid part, therefore no test is required on it.

Paragraph 5.6 (former) and its sub paragraphs shall be renumbered as para. 5.7.

Explanation: similarly to the articulated vehicles (see para.5.5.) the specific feature of the double deck vehicles shall be considered, because now the regulation may be applied to DD coaches as well.

Annex 4.

New paragraph:

1.1.5. in case of a double deck vehicle the whole lower level shall be considered as one rigid part (see paragraph 5.6. in the Regulation). Only the upper level – above the roof of the lower level – shall be defined according to paragraphs 1.1.1 – 1.1.4

Explanation: the application of para, 1.1.1.- 1.1.4. shall be clear for DD coaches as well

New paragraph:

4.4. In the case of a double deck vehicle the occupant masses on the lower level, belonging to seats having restraint shall be attached to their seats and considered in the mass of the rigid part.

Explanation: It shall be clear how to consider the passenger masses on the lower level, which is a rigid part.

Annex 8.

New paragraph:

1.1.3. in the case of a double deck vehicle, PZ-s and PH-s shall be considered only on the superstructure of the upper level. (No energy absorption on the lower level)

Explanation: the same as above
