

## Proposal for amendments to UN Regulation No. 107 - M<sub>2</sub> and M<sub>3</sub> vehicles

The text reproduced below has been prepared by the expert from EC to align the wording of UN Regulation No. 107 with the corresponding EU Regulation on masses and dimensions.

### I. Proposal

*Annex 11, paragraph 3.2.3.2.1., amend to read:*

"3.2.3. Loading conditions

3.2.3.2.1. The vehicle in running order is loaded with: a mass corresponding to the number P of seated passengers, of mass Q; a mass corresponding to the number SP of standing passengers, of mass Q uniformly distributed over the surface available for standing passengers  $S_1$ ; where appropriate, a mass WP uniformly distributed over each wheelchair space; a mass equal to B (kg) uniformly distributed in the baggage compartments; a mass equal to BX (kg) uniformly distributed over the surface area of the roof equipped for the carriage of baggage, where:

P is the number of seating places.

$S_1$  is the area for standing passengers. In the case of vehicles of classes III or B,  $S_1 = 0$ .

SP, declared by the manufacturer, shall not exceed the value  $S_1/S_{Sp}$ , where  $S_{Sp}$  is the conventional space provided for one standing passenger specified in the table below.

WP (kg), is the number of wheelchair spaces multiplied by 250 kg representing the mass of a wheelchair and user.

B (kg), declared by the manufacturer, shall have a numeric value not less than  $100 \times V$ . This shall include baggage compartments or racks that may be attached to the outside of the vehicle.

V is the total volume of baggage compartments in m<sup>3</sup> **including luggage compartments, racks and ski-box;** ~~When approving a vehicle of Class I or A, the volume of baggage compartments accessible only from the outside of the vehicle shall be disregarded.~~

BX, declared by the manufacturer, shall have a numeric value not less than 75 kg/m<sup>2</sup>.

Double deck vehicles shall not be equipped for the carriage of baggage on the roof and therefore BX for double-deck vehicles shall be zero."

### II. Justification

Annexe 11 is based on EU Directive 97/27 EC on the type-approval of vehicles with regard to their masses and dimensions. This Directive was replaced by Regulation (EU) 1230/2012. The purpose of this text is to align Annex 11 with Regulation (EU) 1230/2012.

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