

## **Proposal for a supplement 1 of 08 series of Regulation 17.**

Note: The text reproduced below is a combination of GRSP/2009/23 (Netherlands) and GRSP/2011/11 (CLEPA).

### **I. Proposal**

Paragraphs 5.5.1 to 5.5.6., amend to read :

- "5.5.1. The presence of the head restraint must not be an additional cause of danger to occupants of the vehicle. In particular, it shall not in any position of use exhibit any dangerous roughness or sharp edge liable to increase the risk or seriousness of injury to the occupants.
- 5.5.1.1. Parts of the front and rear faces of head restraints situated in area 1 as defined in paragraph 6.8.1.1.3. below, shall be so padded as to prevent any direct contact of the head with the components of the structure and shall meet the requirements of paragraph 5.2.4.**
- 5.5.1.2.** Parts of the front and rear faces of head restraints situated in area 2, as defined in paragraph 6.8.1.2.2. below, shall be so padded as to prevent any direct contact of the head with the components of the structure and shall meet the requirements of paragraph 5.2.4. above applicable to the rear parts of seats situated in area 2. **In the case of head restraints integrated with the seat back, the front face of the head restraint is considered as the area located above a plane perpendicular to the reference line at 540 mm from the R point and between two vertical longitudinal planes at 85 mm on either side of the reference line."**
- 5.5.2. Parts of the front and rear faces of the head restraints situated in area 1, as defined in paragraph 6.8.1.1.3. below shall pass the energy absorption test.
- 5.5.2.1. This requirement is deemed to be met if in the tests carried out by the procedure specified in annex 6 the deceleration of the headform does not exceed 80 g continuously for more than 3 ms. Moreover, no dangerous edge shall occur during or remain after the test.
- 5.5.3.** The requirements of paragraphs **5.5.1.** and **5.5.2.** above, shall not apply to parts of rear faces of head restraints designed to be fitted to seats behind which no seat is provided.
- 5.5.4.** The head restraints shall be secured to the seat or to the vehicle structure in such a way that no rigid and dangerous parts project from the padding of the head restraint or from its attachments to the seat-back as a result of the pressure exerted by the headform during the test.
- 5.5.5.** In the case of seat fitted with a head restraints, the provisions of paragraph **5.2.3.** may, after agreement of the technical service, be considered to be met if the seat fitted with its head restraint complies with the provisions of paragraph **5.5.2.** above."

### **II. Justification**

The justifications of documents GRSP/2009/23 (Netherlands) and GRSP/2011/11 (CLEPA) remain unchanged.

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