

Proposal of amendments to ECE/TRANS/WP.29/GRSP/2015/16 - Simplified test method description for Annex 14 - Proposal for Supplement 6 to the 06 series of amendments to Regulation No. 16 (Safety-belts).

I. Proposal

Annex 14, paragraph 2.2.3., amend to read:

"2.2.3. Results

...

A simplified, adapted method could be, e.g. ~~the measurement of the speed at the chest reference point when its forward displacement is at 300 mm;~~ **the use of a reference chest speed measured at 300 mm forward displacement carried out in a test without an airbag in front of it, during the conformity of production test to be considered in the control of conformity control plan."**

II. Justification

- The simplified test method is mainly used for system homologation. An increasing number of this kind of approvals and respective need for COP testing can be observed.
 - In the view of the industry and after discussion with some technical services, the proposed text should be replacing the current version in GRSP/2015/16. France, Nederland and CLEPA did prepare the document GRSP/2015/16 and CLEPA would appreciate further clarification of the text.
 - The speed of the reference point of the chest should be determined at the conformity test.
 - The important detail, to compare this determined speed in COP test with some reference chest speed defined in a control plan is missing in the published version of the GRSP/2015/16.
 - This defined reference speed of the chest at 300mm forward displacement can be defined either
 - In dynamic test performed with and without the airbag or other system homologation support material.
 - In simulation based on historical data or expertise.
 - In any other engineering method, which the related technical service can follow in the regular review of the COP procedure
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