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**Committee of Experts on the Transport of Dangerous Goods  
and on the Globally Harmonized System of Classification  
and Labelling of Chemicals****Sub-Committee of Experts on the Transport  
of Dangerous Goods****Forty-ninth session**

Geneva, 27 June – 6 July 2016

Item 6 (c) of the provisional agenda

**Miscellaneous proposals for amendments to the Model Regulations  
on the Transport of Dangerous Goods: packagings****Design type tests for IBCs****Transmitted by the expert from Spain<sup>1</sup>****Introduction**

1. The design type tests for IBCs define the number of samples that have to be tested for each design type. Specifically, in 6.5.6.2.1 it is said “One IBC of each design type, size, wall thickness and manner of construction shall be submitted to the tests listed in the order shown in 6.5.6.3.5 and as set out in 6.5.6.4 to 6.5.6.13. ...”
2. These tests have to follow the order shown in 6.5.6.3.5. In the table under 6.5.6.3.5 a note e) is included, which says that “Another IBC of the same design may be used for the drop test.”
3. In the last paragraph of 6.5.6.9.3 (Method of testing of the drop test) it is said that “The same or different IBCs may be used for each drop.”
4. Therefore, in 6.5.6.2.1 the general rule is established that all the tests have to be passed with one IBC, but in 6.5.6.3.5 (e) an exception is established for the drop test, which permit the use of another IBC, while according to 6.5.6.9.3 up to 4 different IBCs (for the case of rigid plastic, composite, fibreboard and wooden IBCs) can be used for the drop tests (one for each drop).

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<sup>1</sup> In accordance with the programme of work of the Sub-Committee for 2015–2016 approved by the Committee at its seventh session (see ST/SG/AC.10/C.3/92, paragraph 95 and ST/SG/AC.10/42, para. 15).

5. The present texts in note e) under 6.5.6.3.5 together with 6.5.6.9.3 are unclear as regards the number of IBCs that may be used for the drop test. To solve this situation, the expert form Spain suggests modifying sub-paragraph (e) under 6.5.6.3.5 and 6.5.6.9.3 as shown in paragraph 6.

## Proposal

6. It is proposed to modify sub-paragraph (e) under 6.5.6.3.5 to read as follows (new text underlined, eliminated text appears stricken out):

“e) ~~“Another~~ The same or different IBCs of the same design may be used for each drop of the drop test.”

7. It is proposed to modify the last paragraph of 6.5.6.9.3 to read as follows (new text underlined):

“The same or different IBCs of the same design may be used for each drop.”

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