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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

Thirty-first session
Geneva, 2-6 July 2007
Item 2 of the provisional agenda

PERFORMANCE OF PACKAGINGS, INCLUDING IBCs

Criteria for passing the drop test for large packagings

Transmitted by the expert from Spain

Proposal

The expert from Spain proposes a new text for large packagings, following the order established in the Model Regulations for packagings and intermediate bulk containers (IBCs). Also, with this text, the expert from Spain wants to clarify the drop test and how it should be carried out.

It is proposed to move and change paragraph 6.6.5.2.2 into a new 6.6.5.3.4.4, as follows:

"6.6.5.3.4.4 Drop height

6.6.5.3.4.4.1 For liquid and solid substances or articles

If the test is performed with the articles, solid substances, or liquids to be carried, or with another substance having similar characteristics, the drop test must be as specified below:

Packing group I	Packing group II	Packing group III
1.8 m	1.2 m	0.8 m

6.6.5.3.4.4.2 When testing large packagings containing inner packaging(s) filled with liquid, if water is used to perform the test:

- (a) Where the substance to be carried have a relative density not exceeding 1.2:

Packing group I	Packing group II	Packing group III
1.8 m	1.2 m	0.8 m

- (b) Where the substances to be carried have a relative density exceeding 1.2, the drop test should be calculated on the basis of the relative density (d) of the substance to be carried rounded up to the first decimal as follows:

Packing group I	Packing group II	Packing group III
$d \times 1.5$ m	$d \times 1.0$ m	$d \times 0.67$ m

So, the current paragraph 6.6.5.3.4.4 should be replaced by the paragraph proposed above and the current 6.6.5.2.2 should be eliminated. Consequently, paragraphs 6.6.5.2.3 and 6.6.5.2.4 should be renumbered and become 6.6.5.2.2 and 6.6.5.2.3 respectively.

Justification

The expert from Spain proposes this modification mainly because he thinks it is necessary to include instructions specifying how to perform the tests in Section "6.6.5.3 Test requirements", instead of having them in section "6.6.5.2 Preparation for testing". This, in his opinion, is helpful for users and manufacturers of large packagings since it clarifies the Recommendations. Besides, the text has been improved and the drop test figures are in each case more accessible.