

Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

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Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 6 (c) of the provisional agenda

Miscellaneous proposals for amendments to the Model Regulations on the Transport of Dangerous Goods: packagings

ST/SG/AC.10/C.3/2016/11: Revised proposal and comments on informal document INF.13 (Water temperature during internal pressure (hydraulic) test)

Transmitted by the expert from Germany

Introduction

1. The expert from Germany has reviewed the proposal from the working document ST/SG/AC.10/C.3/2016/11 in order to avoid misinterpretations and to respond to some concerns raised in informal document INF.13 (49th session).
2. It is not the intention to require the water used for the test to be heated at room temperature. The reference to the room temperature is a general description of the testing conditions in the laboratory. It is necessary to clarify that the laboratory should not be cooled which was an issue raised in the discussions during the last session. However, parts of the confusion may be result from the proposed wording. Therefore, the proposed wording as contained in ST/SG/AC.10/C.3/2016/11 is replaced as shown below.
3. Furthermore, comments on the drafting of the transitional periods have been incorporated in the revised proposal. Two notes to 6.1.5.5.3 and 6.5.6.8.2 were included to align the structure with the existing 4.1.1.3 and 6.5.6.13.1 concerning the vibration test.

Proposal

4. Amend the text of 6.1.5.5.3 to read as follows (new added text underlined):

“Special preparation of packagings for testing: either vented closures shall be replaced by similar non-vented closures or the vent shall be sealed. Plastics packagings and composite packagings (plastics receptacles) shall be tested at room temperature with water. The water temperature shall not be below 12 °C and shall be measured and documented before testing.

Note: The requirements concerning water temperature applies to design types for packagings manufactured as from 1 January 2019.”
5. Amend the text of 6.5.6.8.2 to read as follows (new added text underlined):

“Preparation of the IBC for test

The test shall be carried out before the fitting of any thermal insulation equipment. Pressure-relief devices shall be removed and their apertures plugged, or shall be rendered inoperative. Rigid plastics IBCs and composite IBCs (plastic inner receptacles) shall be tested at room temperature with water. The water temperature shall not be below 12 °C and shall be measured and documented before testing.

Note: The requirements concerning water temperature applies to design types for IBCs manufactured as from 1 January 2019.”

6. Add the following new sentence add the end of 4.1.1.3

Additionally, plastics packagings and composite packagings (plastics receptacles) conforming to a design type meeting the requirements of 6.1.5.5.3 as applicable before 1. January 2019 and rigid plastics IBCs and composite IBCs (plastic inner receptacles) conforming to a design type meeting the requirements of 6.5.6.8.2 as applicable before 1 January 2019, may still be used.
