



**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****Fifty-fourth session**

Geneva, 26 November-4 December 2018

Item 2 (b) of the provisional agenda

**Recommendations made by the Sub-Committee on its fifty-first,
fifty-second and fifty-third sessions and pending issues:
explosives and related matters****Missing description in test procedure of Test 6 (b) in the
Manual of Tests and Criteria****Transmitted by the expert from Sweden*****Background**

1. Section 16.5.1 of the Manual of Tests and Criteria describes the test procedure as well as the criteria to assess results for Test 6 (b). Section 16.5.1.4 (c) contains the description for selection of suitable initiation system for packaged substances which are not intended for use as explosives. According to the description, the initiation system should be selected based on the test result in Test 6 (a).

Problem and solution

2. The problem is that the referred “+” result in section 16.5.4 (c) is not defined i.e. there is no description of what a “+” result in a type 6 (a) test is. This causes uncertainties in application of the test procedure.

3. From the description of Test 6 (a) in section 16.4.1 especially the “test criteria and method of assessing results” in section 16.4.1.4, it can be deduced that the “+” result

* In accordance with the programme of work of the Sub-Committee for 2017–2018 approved by the Committee at its eighth session (see ST/SG/AC.10/C.3/100, paragraph 98 and ST/SG/AC.10/44, paragraph 14).

mentioned in section 16.5.1.4 means a mass explosion in Test 6 (a). Thus, to replace the undefined “a “+” result” by “mass explosion” will eliminate the uncertainty.

Proposal

4. Amend the text of section 16.5.1.4 (c) to read as follows (text to be inserted is shown as underlined (inserted) and text to be removed is shown as strike-through (~~deleted~~):

“Substances not intended for use as explosives, but provisionally accepted into Class 1, should be tested using whichever initiation system ~~gave a “+” result~~ which resulted in a mass explosion in a type 6 (a) test.”
