



**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-eighth session**

Geneva, 29 November–7 December 2010

Item 6 of the provisional agenda

**Miscellaneous proposals of amendments to the Model Regulations
on the Transport of Dangerous Goods****Stacking symbol****Transmitted by the expert from Sweden¹****Background**

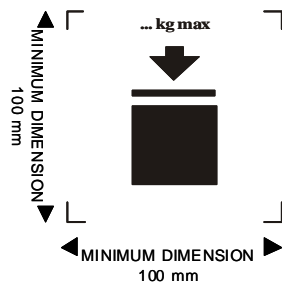
1. At the last session the Sub-Committee agreed to require the marking of the stacking load on large packagings by using the same symbol as in 6.5.2.2.2 for IBCs (ST/SG/AC.10/C.3/74, paragraphs 65-68).
2. However, at the meeting some delegates had concerns about the interpretation of the minimum dimensions of the stacking symbol for the IBCs and large packagings.
3. The secretariat informed the Sub-Committee about the existing ISO standard 780:1997, Packaging-Pictorial marking for handling of goods, in informal document INF.76. The symbols number 13 and 15 in the standard are the symbols that are used in the Model Regulations. Furthermore, the standard states that “for normal purposes the overall height of the symbol shall be 100 mm, 150 mm or 200 mm.”.
4. To clarify the situation, Sweden proposes to include the dimensions in the Model Regulations for the stacking symbol for IBCs in 6.5.2.2.2 and large packagings in 6.6.3.3. This is in line with how the dimensions are stated in Figure 5.3.1 in paragraph 5.3.1.2.2.

¹ In accordance with the programme of work of the Sub-Committee for 2009-2010 approved by the Committee at its fourth session (refer to ST/SG/AC.10/C.3/68, para. 118 (d) and ST/SG/AC.10/36, para. 14).

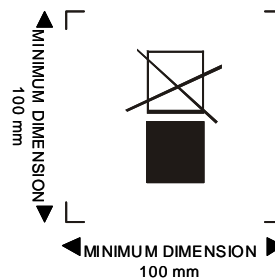
Proposal

5. Amend the symbol in 6.5.2.2.2 and 6.6.3.3 as follows (no text changes, only minimum dimensions included):

“6.5.2.2.2 The maximum permitted stacking load applicable when the IBC is in use shall be displayed on a symbol as follows:



IBCs capable of being stacked



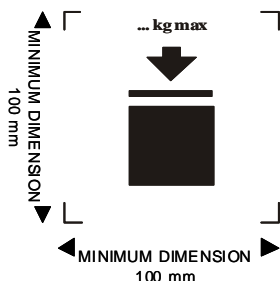
IBCs NOT capable of being stacked

The symbol shall be not less than 100 mm × 100 mm, be durable and clearly visible. The letters and numbers indicating the mass shall be at least 12 mm high.

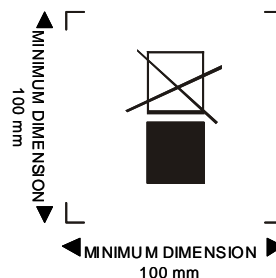
The mass marked above the symbol shall not exceed the load imposed during the design type test (see 6.5.6.6.4) divided by 1.8.

NOTE: The provisions of 6.5.2.2.2 shall apply to all IBCs manufactured, repaired or remanufactured as from 1 January 2011.”.

“6.6.3.3 The maximum permitted stacking load applicable when the large packaging is in use shall be displayed on a symbol as follows:



Large packaging capable of being stacked



Large packaging NOT capable of being stacked

The symbol shall be not less than 100 mm × 100 mm, be durable and clearly visible. The letters and numbers indicating the mass shall be at least 12 mm high.

The mass marked above the symbol shall not exceed the load imposed during the design type test (see 6.6.5.3.3.4) divided by 1.8.

NOTE: The provisions of 6.6.3.3 shall apply to all large packagings manufactured, repaired or remanufactured as from 1 January 2015.”.