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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-third session
Geneva, 30 June-9 July (a.m) 2008
Item 7 of the provisional agenda

**MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL REGULATIONS
ON THE TRANSPORT OF DANGEROUS GOODS**

Use of fusible elements on portable tanks for organometallic substances

Transmitted by the International Council of the Chemical Associations (ICCA)*

Introduction

1. During the last session of the Sub-Committee in December 2007, the proposal of ICCA on the use of fusible elements for organometallic tanks (ST/SG/AC.10/C.3/2007/51) was adopted, except for the change of the upper melting point for the fusible element (remains 149 °C instead of the proposed 200 °C) (see ST/SG/AC.10/C.3/64, para. 53 and annex 1).
2. Amongst others, the 2nd sentence of 6.7.2.10.1 was amended to read:

* In accordance with the programme of work of the Sub-Committee for 2007-2008 approved by the Committee at its third session (refer to ST/SG/AC.10/C.3/60, para. 100 and ST/SG/AC.10/34, para. 14) (Provisions for the transport of dangerous goods in open cryogenic receptacles)

“They shall be placed at the top of the shell with their inlets in the vapour space, and when intended as the primary relief device, they shall not be shielded from external heat ~~in no case shall they be shielded from external heat~~”

3. During the discussion with various delegates it appeared that the term “primary relief device” was not clear and moreover not defined in the Model Regulations. ICCA promised to look into this text and if possible to propose alternative text. After discussion with several experts a new text is proposed.

4. An additional point is that the use of fusible elements is explicitly described in 6.7.2.8.1 for portable tanks with a capacity of 1900 litres or more. However, for small tanks (less than 1900 litres) fusible elements are also used in practice. However, those elements are not explicitly described in 6.7.2.8.4. For clarity reasons ICCA proposes a last sentence to the text to make a reference to fusible elements.

Proposals

Proposal 1:

5. Replace the adopted 2nd sentence in 6.7.2.10.1:

“They shall be placed at the top of the shell with their inlets in the vapour space, and when intended as the primary relief device, they shall not be shielded from external heat ~~in no case shall they be shielded from external heat~~”

by

“They shall be placed at the top of the shell with their inlets in the vapour space and when used for transport safety purposes, they shall not be shielded from external heat”.

Proposal 2:

6. Add the following sentence at the end of 6.7.2.8.4:

“In addition, fusible elements conforming to 6.7.2.10.1 may also be fitted.”
