



**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-ninth session**

Geneva, 20–24 June 2011

Item 5 (b) of the provisional agenda

**Miscellaneous proposals of amendments to the Model Regulations
on the Transport of Dangerous Goods: portable tanks****Amendment to Section 6.7.2.15****Transmitted by the expert from Spain¹****Introduction**

1. It is proposed to change the last sentence of paragraph 6.7.2.15.1 and it is also proposed to include a reference indicating what a protective device which deflects the flow of vapour is, explaining that it is commonly a protective metal housing which is able to be securely locked in a closed position, placed on top of the portable tank, and that contains in its interior, enclosed, the pressure-relief device(s) and other service equipment.

2. It is also necessary to have a verifiable procedure to control the flow capacity that passes through the vents or openings of the protective devices, which deflect the vapour flow, because, in order to avoid the possibility of back pressure effects, the cross-sectional area of the discharge – vents or openings – shall not be less than the flow area of the pressure relief devices.

¹ In accordance with the programme of work of the Sub-Committee for 2011–2012 approved by the Committee at its fifth session (refer to ST/SG/AC.10/C.3/76, para. 116 and ST/SG/AC.10/38, para. 16).

Proposal

3. The following text is proposed for 6.7.2.15.1:
“6.7.2.15.1 (...) Protective devices which deflect the flow of vapour, as for example the protective metal housing for being locked in closed position, on top of the shell, are permissible provided the required relief device capacity is not reduced. However, the cross-sectional area of the openings of the protective devices shall not be less than the total sectional-cross flow area of the pressure relief system.”
4. A consequential transitional measure, proposed as followed, is proposed to be added in 4.2.6:
“Portable tanks intended for the transport of substances of Class 1 and Classes 3 to 9, manufactured before 1 January 2014, need not comply with the requirements indicated in the last sentence of paragraph 6.7.2.15.1 as regards the cross-sectional area.”

Justification

5. Not all the pressure-relief devices mounted in the portable tanks constructed before 1 January 2014 are marked with the value in mm² of the flow area. This is why an obvious requirement is not demanded.
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