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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****Fifty-third session**

Geneva, 25 June-4 July 2018

Item 6 (c) of the provisional agenda

**Miscellaneous proposals for amendments to the  
Model Regulations on the Transport of Dangerous Goods:  
portable tanks****Minimum shell thickness for portable tanks used for the  
carriage of non-refrigerated liquefied gases****Transmitted by the expert from Belgium\*****Introduction**

1. During the fifty-second session Belgium proposed informal document INF.25 explaining that in the Regulations on the Transport of Dangerous Goods a reference towards the portable tank special provisions of paragraph 4.2.5.3 was missing in paragraph 6.7.3.4.1 on the minimum shell thickness of portable tanks used for the transport of non-refrigerated liquefied gases.
2. Most experts supported the proposal in informal document INF.25 and requested Belgium to return with a working document on this topic (ST/SG/AC.10/C.3/104, paragraph 78).
3. Some of these portable tank special provisions in paragraph 4.2.5.3 (e.g. TP19 and TP22) contain requirements for the minimum shell thickness when constructing portable tanks to be used for the transport of specific non-refrigerated liquefied gases. As such it seems necessary to refer in paragraph 6.7.3.4.1 towards these special provisions because “the users” of chapter 6 should take these into account when constructing portable tanks to be used for the transport of non-refrigerated liquefied gases.

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\* 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, para. 14).

## Proposal

4. Change the text in 6.7.3.4.1 so that it now also refers the users of chapter 6 to the special provisions applicable for the construction of portable tanks used for the transport of specific non-refrigerated liquified gases (new text underlined):

“The minimum shell thickness shall be the greater thickness based on:

- (a) The minimum thickness determined in accordance with the requirements in 6.7.3.4 and taking into account any portable tank special provision, indicated in column (11) of the Dangerous Goods List in chapter 3.2 and described in 4.2.5.3 and;
  - (b) The minimum thickness determined in accordance with the recognized pressure vessel code including the requirements in 6.7.3.3 and taking into account any portable tank special provision, indicated in column (11) of the Dangerous Goods List in chapter 3.2 and described in 4.2.5.3.”
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