



**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-second session**

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Item 6 (c) of the provisional agenda

**Miscellaneous proposals for amendments to the
Model Regulations on the Transport of Dangerous Goods
portable tanks****Tanks – Inspection of pressure-relief device****Transmitted by the expert from Germany*****Introduction**

1. In accordance with 4.2.1.17.1, pressure relief devices of portable tanks used for the transport of Class 8 substances shall be inspected at intervals not exceeding one year.
2. The annual inspection of pressure relief devices is due to the corrosive properties of Class 8 substances and the resulting possible damage to the pressure relief devices caused by corrosion. With this inspection it is possible to verify the proper functioning of the pressure relief devices.
3. The provisions of 4.2.1.17.1 refer only to Class 8 substances and not substances that have corrosive properties of Class 8 as a subsidiary hazard.
4. However, this kind of damage to the pressure relief devices can also occur when substances with a Class 8 subsidiary hazard are transported. The corrosive properties of the substances to be transported are the decisive criterion for an abbreviated inspection of pressure relief devices of portable tanks.
5. Therefore, the respective provisions in 4.2 have to be amended in such a way that also substances with a Class 8 subsidiary hazard have to be considered with regard to transport.

* 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)

Proposal

6. Amend the provisions in 4.2.
- 6.1 Amend the following sub-sections to read as follows:
 - “4.2.1.17 Additional provisions applicable to the transport of Class 8 substances **and substances with a Class 8 subsidiary hazard** in portable tanks”
 - “4.2.1.17.1 Pressure relief devices of portable tanks used for the transport of Class 8 substances or substances with a Class 8 subsidiary hazard shall be inspected at intervals not exceeding one year.”
- 6.2 Insert the following new sub-section:
 - “4.2.2.7 Pressure relief devices of portable tanks used for the transport of non-refrigerated liquefied gases and chemicals under pressure with a Class 8 subsidiary hazard shall be inspected at intervals not exceeding one year.”

The numbering of the subsequent sub-sections changes accordingly. “4.2.2.7 Filling” becomes “4.2.2.8 Filling”, etc.

Justification

7. With the proposed amendment, the corrosive properties of substances with a Class 8 subsidiary hazard will also be considered at the annual inspection of pressure relief devices. Therefore, it is possible to detect potential damage to the pressure relief devices caused by corrosion.
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