

**Committee of Experts on the Transport of Dangerous Goods  
and on the Globally Harmonized System of Classification  
and Labelling of Chemicals**

19 November 2018

**Sub-Committee of Experts on the  
Transport of Dangerous Goods**

**Fifty-fourth session**

Geneva, 26 November-4 December 2018

Item 2 (e) of the provisional agenda

**Recommendations made by the Sub-Committee on  
its fifty-first, fifty-second and fifty-third sessions  
and pending issues: transport of gases**

**Review of standards in Chapter 6.2**

**Transmitted by the International Organisation for Standardisation  
(ISO)**

**Result of the review**

1. Paragraph 91 of the report of the fifty-third session (ST/SG/AC.10/C.3/106) records the following.

“Following a comment made by the expert from Germany on proposal 6, the Sub-Committee noted that other standards in Chapter 6.2 might have been superseded by newer versions. The representative of ISO volunteered to review all references in Chapter 6.2 and submit a proposal for the next session with the necessary updates.”
2. The review of references has confirmed that there are no redundant standards referenced in Chapter 6.2.
3. An explanation of the presence of superseded construction standards is probably needed. Note 2 in paragraph 6.2.2 states “UN pressure receptacles and service equipment constructed according to standards applicable at the time of manufacture may continue in use ...”. There is therefore a need for a record of which standards were applicable during each biennium. The tables in 6.2.2.1 and 6.2.2.3 provide that record in order that the standard of construction used can be verified retrospectively.
4. The choice of materials is expected to be based on the latest information so previous versions of the standards listed in 6.2.2.2 are not given.
5. Test houses and inspection bodies are required to use the latest version of standard concerning periodic inspection and test, subject to a transition period to allow for the updating of work instructions and accreditation. Therefore the superseded standards are deleted from the table in 6.2.2.4 at the end of the transition period.
6. The treatment of these standards is described in detail in Chapter 6.2 of the Guiding Principles.

## **Future proposals**

7. It has been ISO's practice to avoid the introduction of new standards in the final meeting of the biennium due to congestion in the agenda at these meetings. One standard recently published – ISO 18119:2018 *Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing* – will be proposed at the next session.
  8. ISO 16111:2008 *Transportable gas storage devices -- Hydrogen absorbed in reversible metal hydride* has been replaced by ISO 16111:2018. This standard was not proposed by ISO so it will bring this matter to the attention of the relevant experts.
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