

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

22 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**

**New ISO standard in Class 2: follow-up to  
ST/SG/AC.10/C.3/2018/23**

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

**Introduction**

1. At the fifty-third session ISO presented document ST/SG/AC.10/C.3/2018/23 which included proposal 4 to add the standard ISO 17879:2017 in 4.1.6.1.8 and 6.2.2.3. Paragraph 90 of the report of the meeting records the following :

“Noting that the amendment in proposal 4 would imply a significant increase in the pressure value for the burst test applicable to self-closing cylinder valves and that this decision had not been reached by consensus at ISO level, some experts expressed objections to its adoption. It was also noted that no incidents had been reported with valves tested at the current 450 bar pressure value. The representative of ISO withdrew proposal 4 and said that he would work with EIGA and CGA to reach consensus on this issue and would keep the Sub-Committee informed of the outcome.”

2. The discussions between ISO, EIGA and CGA have resulted in an agreed compromise to submit a revised proposal to reference ISO 17879 but to exclude the application of this standard to acetylene. This will answer the need for a standard that covers the other gases (except liquefied petroleum gas which is already excluded from the standard’s scope). Discussions shall continue between all interested parties on the requirements (burst pressure) for acetylene valves.

**Proposal**

3. In 4.1.6.1.8 after the paragraph starting “For pressure receptacles with valves ...” and ending “...annex A of ISO 10297:2014 shall be met.” Insert a new paragraph as follows:

“For pressure receptacles with self-closing valves with inherent protection, the requirements of annex A of ISO 17879:2017 shall be met.”

4. In the table in 6.2.2.3 add a new row at the end as follows:

ISO 17879:2017	Gas cylinders – Self-closing cylinder valves – Specification and type testing <i>NOTE: This standard shall not be applied to self-closing valves in acetylene service.</i>	Until further notice
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