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|  |  | **UN/SCETDG/57/INF.31/Rev.1** |

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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 5 November 2020** | |
| **Sub-Committee of Experts on the Transport of Dangerous Goods** |  |
| **Fifty-seventh session** |  |
| Geneva, 30 November-8 December 2020  Item 5 (b) of the provisional agenda  **Transport of gases: miscellaneous** |  |

Amendments to ST/SG/AC.10/C.3/2020/13 (Updated ISO standards in Class 2)

Transmitted by the International Organisation for Standardisation (ISO)

Introduction

1. Proposal 10 in document ST/SG/AC.10/C.3/2020/13 (paragraph 25) remarks that a revised version of EN ISO 17871:2015 was in preparation. That revision process has now been completed and the revised standard was published in July 2020. The purpose of this paper is to propose the insertion of EN ISO 17871:2020 in the 22nd Revision.
2. Also, in 2018 an amendment to EN ISO 17871:2015 was published which improved safety by eliminating flammable gases from the scope, (toxic, corrosive and oxidizing gases were already excluded). Rather than introduce a new entry for this amended standard it is proposed to implement the amendment by inserting a Note in the existing entry. This entry also needs to be amended by ceasing manufacture after 31 December 2026.

Amendments to ST/SG/AC.10/C.3/2020/13, Proposal 10

1. Replace the text of Proposal 10, paragraphs 25 and 26 by the following.

“25. In the table in 6.2.2.3 in the row starting ISO 17871:2015 insert a new Note and manufacturing date as shown underlined below. Also, following the entry for ISO 17871:2015 add a new row for the 2020 edition of the standard.

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| ISO 17871:2015 | Gas cylinders – Quick-release cylinder valves – Specification and type testing.  ***NOTE:*** *This standard shall not be used for flammable gases.* | Until 31 December 2026 |
| ISO 17871:2020 | Gas cylinders – Quick-release cylinder valves – Specification and type testing. | Until further notice |

Justification

26. Safety is improved by using a Note in the entry of ISO I7871:2015 eliminating use with flammable gases. The 2020 edition of the standard broadens the scope to include quick-release valves for pressure drums and tubes and also excludes the use of quick-release valves with flammable gases. Other notable changes are:

- addition of the valve burst test pressure;

- deletion of the flame impingement test;

- deletion of internal leak tightness test at −40 °C for quick-release cylinder valves used only for fixed fire fire-fighting systems installed in buildings;

- complete revision of Clause 4.2.11 *“Securing arrangements* and Annex A *Manufacturing tests and examinations*.*” ”*