



FINAL DRAFT Amendment

ISO 14245:2021/ FDAM 1

Gas cylinders — Specifications and testing of LPG cylinder valves — Self-closing

AMENDMENT 1

*Bouteilles à gaz — Spécifications et essais pour valves de
bouteilles de GPL — Fermeture automatique*

AMENDEMENT 1

ISO/TC 58/SC 2

Secretariat: **AFNOR**

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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 286, *Liquefied petroleum gas equipment and accessories*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Normative references

Add the following normative reference to the list:

MIL-STD-810G:2008, *Department of Defence Test Method Standard, Environmental Engineering Considerations and Laboratory Tests*

4.2

Add the following new subclause:

4.2.5 Adhesives

Where used, adhesives shall be proven compatible with LPG in accordance with recognized international, regional or national standards.

4.3.3, first sentence

Replace sentence with the following:

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Valve inlet connections shall conform to an international, regional or national standard or proprietary designs that have been qualified to an acceptable industry standard.

4.3.3, NOTE

Replace NOTE with the following:

NOTE 1 Valve inlet connection standards are, for example, ISO 11363-1 and ISO 15245-1.

NOTE 2 Qualification procedures for proprietary valve inlet connection designs are, for example, given in ISO 10692-2.

4.3.3, third paragraph

Replace the reference "Table 3" with "Table 4".

4.3.4, NOTE

Replace NOTE with the following:

NOTE 1 Valve outlet connection standards are, for example, ISO 5145^[1] and EN 15202^[12].

NOTE 2 Qualification procedures for proprietary valve outlet connection designs are for example given in CGA V-1.

4.4.1

Add the following paragraph at the end of the subclause:

Where threaded joints are used within the valve, an anaerobic sealant may be used if proven compatible with LPG in accordance with recognized international, regional (e.g. EN 751-1) or national standards.

4.4.4

Add the following indents to the end of the list:

- d) There shall be sufficient thread engagement between the vent screw and the fixed liquid level gauge to allow metal to metal contact in the event of absence of the seal.
- e) The dip tube shall be securely fitted to the valve to ensure that it does not disassemble during installation or operation.

EXAMPLE Using adhesive, press fitting or any other mechanical means.

4.4.9

Add the following paragraph at the end of the subclause:

The sediment tube shall be securely fitted to the valve to ensure that it does not disassemble during installation or operation.

EXAMPLE Using adhesive, press fitting or any other mechanical means.

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Delete subclause numbering "5.1.1." and retain text as normal style.

5.1, third paragraph

Replace the reference "Table 1" with "Table 2".

5.1, fourth paragraph

Delete fourth paragraph.

5.1

Add the following text as new fourth paragraph:

For valves designed to incorporate pressure relief valves, their ports shall be plugged or sealed, or their setting shall be adjusted to allow applying the test pressure without activating the pressure relief valve.