
Plinske jeklenke - Ponovno polnljive plinske jeklenke iz celega iz aluminijevih zlitin - Konstruiranje, izdelava in preskušanje - Dopolnilo A1 (ISO 7866:2012/DAM 1:2020)

Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing - Amendment 1 (ISO 7866:2012/DAM 1:2020)

Gasflaschen - Wiederbefüllbare nahtlose Gasflaschen aus Aluminiumlegierungen - Auslegung, Bau und Prüfung - Änderung 1 (ISO 7866:2012/DAM 1:2020)

Bouteilles à gaz - Bouteilles à gaz sans soudure en alliage d'aluminium destinées à être rechargées - Conception, construction et essais - Amendement 1 (ISO 7866:2012/DAM 1:2020)

Ta slovenski standard je istoveten z: EN ISO 7866:2012/prA1

ICS:

23.020.35	Plinske jeklenke	Gas cylinders
77.150.10	Aluminijski izdelki	Aluminium products

SIST EN ISO 7866:2012/oprA1:2020 **en,fr,de**

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DRAFT AMENDMENT

ISO 7866:2012/DAM 1

ISO/TC 58/SC 3

Secretariat: BSI

Voting begins on:
2020-06-01Voting terminates on:
2020-08-24

Gas cylinders — Refillable seamless aluminium alloy gas cylinders — Design, construction and testing

AMENDMENT 1

Bouteilles à gaz — Bouteilles à gaz sans soudure en alliage d'aluminium destinées à être rechargées — Conception, construction et essais

AMENDEMENT 1

ICS: 23.020.35

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ISO/CEN PARALLEL PROCESSING



Reference number
ISO 7866:2012/DAM 1:2020(E)

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 3, *Cylinder design*.

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Gas cylinders — Refillable seamless aluminium alloy gas cylinders — Design, construction and testing

AMENDMENT 1

Normative references

Replace the reference to ISO 6508-1 with the following:

ISO 6508-1, *Metallic materials — Rockwell hardness test – Part 1: Test method*

Replace the reference to ISO 7539-6:2011 with the following:

ISO 7539-6:2018, *Corrosion of metals and alloys – Stress corrosion testing – Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement*

Replace the reference to ISO 10461 with the following:

ISO 18119:2018, *Gas cylinders — Seamless steel and seamless aluminium-alloy gas cylinders and tubes — Periodic inspection and testing*

10.4.3.5, replace with the following:

The fracture shall be considered acceptable only if it conforms to one of the following descriptions:

- a) For gas cylinders of actual wall thickness 13 mm or less:
 - the greater part of the fracture shall be unmistakably longitudinal except for gas cylinders where the ratio of length to outside diameter is less than 3:1;
 - at each end of the fracture, no more than two branches (see L' and L'' in Figure 7) shall be allowed and these shall not extend more than 90° around the circumference on either side of its main part (see d' and d'' in Figure 7);
 - the fracture shall not extend into those parts of the gas cylinder of thickness more than 1,5 the maximum thickness measured halfway up the gas cylinder (for gas cylinders with convex bases, the fracture shall not reach the centre of the gas cylinder base).
- b) For gas cylinders of actual wall thickness over 13 mm, the greater part of the fracture shall be longitudinal.