

SLOVENSKI STANDARD

SIST EN ISO 11117:2020

01-februar-2020

Nadomešča:

SIST EN ISO 11117:2009

SIST EN ISO 11117:2009/AC:2010

**Plinske jeklenke - Zaščitne kape in varovala ventilov plinskih jeklenk -
Konstruiranje, izdelava in preskusi (ISO 11117:2019)**

Gas cylinders - Valve protection caps, guards and shrouds - Design, construction and tests (ISO 11117:2019)

Gasflaschen - Ventilschutzkappen, Schutzkörbe und Schutzkragen - Auslegung, Bau und Prüfungen (ISO 11117:2019)

Bouteilles à gaz - Chapeaux fermés, chapeaux ouverts et cols de protection des robinets - Conception, construction et essais (ISO 11117:2019)

Ta slovenski standard je istoveten z: EN ISO 11117:2019

ICS:

23.020.35	Plinske jeklenke	Gas cylinders
23.060.99	Drugi ventili	Other valves

SIST EN ISO 11117:2020

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11117

December 2019

ICS 11.040.10; 23.020.30

Supersedes EN ISO 11117:2008

English Version

**Gas cylinders - Valve protection caps and guards - Design,
construction and tests (ISO 11117:2019)**

Bouteilles à gaz - Chapeaux fermés et chapeaux ouverts
de protection des robinets - Conception, construction
et essais (ISO 11117:2019)

Gasflaschen - Ventilschutzkappen, Schutzkörbe und
Schutzkragen - Auslegung, Bau und Prüfungen (ISO
11117:2019)

This European Standard was approved by CEN on 27 October 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 11117:2019) has been prepared by Technical Committee ISO/TC 58 "Gas cylinders" in collaboration with Technical Committee CEN/TC 23 "Transportable gas cylinders" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11117:2008.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 11117:2019 has been approved by CEN as EN ISO 11117:2019 without any modification.

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INTERNATIONAL STANDARD

ISO
11117

Third edition
2019-11

Gas cylinders — Valve protection caps and guards — Design, construction and tests

*Bouteilles à gaz — Chapeaux fermés et chapeaux ouverts de
protection des robinets — Conception, construction et essais*

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ISO 11117:2019(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

This third edition cancels and replaces the second edition (ISO 11117:2008), which has been technically revised. It also incorporates the Technical Corrigendum ISO 11117:2008/Cor.1:2009. The main changes compared to the previous edition are as follows:

- clarification of requirements for "ISO P A" marking,
- removal of Figure 2,
- substitution of Figure 1 by [Figure 1](#) a) and b), and [Figure 3](#) a) and b),
- addition of other threads than W 80 × 1/11,
- renaming and modification of the "axial test" as "vertical pull test",
- modification of the "drop test" including acceptance criteria,
- modification of marking requirements,
- addition of requirements for the test report,
- removal of normative Annex A "Marking of caps".

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document covers devices intended for the protection of cylinder valves, where such protection is fitted to allow safe transport, handling and storage.

This document specifies the principal dimensions, requirements for fitment and drop test procedure, to confirm the provision of adequate valve protection, in the event of the occurrence of a cylinder toppling from its base.

This document has been written so that it is suitable to be referenced in the UN Model Regulations^[1].

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