

SLOVENSKI STANDARD
oSIST prEN ISO 11623:2013
01-januar-2013

Plinske jeklenke - Kompozitni materiali - Periodični pregledi in preskusi (ISO/DIS 11623:2012)

Gas cylinders - Composite construction - Periodic inspection and testing (ISO/DIS 11623:2012)

Gasflaschen - Verbundbauweise - Wiederkehrende Inspektion und Prüfung (ISO/DIS 11623:2012)

Bouteilles à gaz transportables - Contrôles et essais périodiques des bouteilles à gaz en matériau composite (ISO/DIS 11623:2012)

Ta slovenski standard je istoveten z: prEN ISO 11623 rev

ICS:

23.020.30	Tlačne posode, plinske jeklenke	Pressure vessels, gas cylinders
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oSIST prEN ISO 11623:2013

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN ISO 11623 rev

October 2012

ICS 23.020.30

Will supersede EN ISO 11623:2002

English Version

**Gas cylinders - Composite construction - Periodic inspection
and testing (ISO/DIS 11623:2012)**

Bouteilles à gaz transportables - Contrôles et essais
périodiques des bouteilles à gaz en matériau composite
(ISO/DIS 11623:2012)

Gasflaschen - Verbundbauweise - Wiederkehrende
Inspektion und Prüfung (ISO/DIS 11623:2012)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 23.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (prEN ISO 11623:2012) 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 document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 11623:2002.

Endorsement notice

The text of ISO/DIS 11623:2012 has been approved by CEN as a prEN ISO 11623:2012 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 11623

ISO/TC 58/SC 4

Secretariat: ANSI

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Gas cylinders — Composite construction — Periodic inspection and testing

Bouteilles à gaz — Construction composite — Contrôles et essais périodiques

[Revision of first edition (ISO 11623:2002)]

ICS 23.020.30

STANDARD PREVIEW

ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 11623 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 4, *Operational requirements for gas cylinders*.

This second edition cancels and replaces the first edition (ISO 11623:2002), of which the following information has been technically revised.

- Up-to-date definitions throughout especially for the various types of composite cylinders;
- Up-to-date references for steel and aluminium alloy liner materials;
- Listing defects according to severity with a new set of criteria; and
- New annex (Annex B) for the internal inspection of translucent cylinders, i.e. Type 5.

Introduction

The principal aim of periodic inspection and testing is that at the completion of the test the cylinders may be reintroduced into service for a further period of time. It is not possible to identify all considerations for inspecting and re-testing of composite cylinders in this publication. Questions regarding specific cylinders should be directed to the manufacturer.

Where there is any conflict between this International Standard and any applicable regulation, the regulation always takes precedence.

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