SLOVENSKI STANDARD
SIST EN ISO 14246:2022

01-september-2022

Nadomešča:
SIST EN ISO 14246:2014
SIST EN ISO 14246:2014/A1:2018

Plinske jeklenke - Ventili za plinske jeklenke - Preskusi in pregledi med proizvodnjo (ISO 14246:2022)

Gas cylinders - Cylinder valves - Manufacturing tests and examinations (ISO 14246:2022)

Gasflaschen - Flaschenventile - Herstellungsprüfungen und untersuchungen (ISO 14246:2022)

Bouteilles à gaz - Robinets de bouteilles à gaz - Essais de fabrication et contrôles (ISO 14246:2022)

Ta slovenski standard je istoveten z: **EN ISO 14246:2022**

ICS:

23.020.35	Plinske jeklenke	Gas cylinders
23.060.40	Tlačni regulatorji	Pressure regulators

SIST EN ISO 14246:2022 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 14246

February 2022

ICS 23.020.35

Supersedes EN ISO 14246:2014, EN ISO 14246:2014/A1:2017

English Version

Gas cylinders - Cylinder valves - Manufacturing tests and examinations (ISO 14246:2022)

Bouteilles à gaz - Robinets de bouteilles à gaz - Essais de fabrication et contrôles (ISO 14246:2022)

Gasflaschen - Flaschenventile - Herstellungsprüfungen und untersuchungen (ISO 14246:2022)

This European Standard was approved by CEN on 13 February 2022.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN ISO 14246:2022 E

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European foreword

This document (EN ISO 14246:2022) 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of an identical text or by endorsement, at the latest by August 2022, and conflicting national standards shall be withdrawn at the latest by August 2022.

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 14246:2014.

Any feedback and questions on this document should be directed to the users’ national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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Endorsement notice

The text of ISO 14246:2022 has been approved by CEN as EN ISO 14246:2022 without any modification.

INTERNATIONAL STANDARD

ISO 14246

Third edition
2022-02

Gas cylinders — Cylinder valves — Manufacturing tests and examinations

Bouteilles à gaz — Robinets de bouteilles à gaz — Essais de fabrication et contrôles

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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.

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).

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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*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 23, *Transportable gas cylinders*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 14246:2014), which has been technically revised. It also incorporates Amendment ISO 14246:2014/Amd 1:2017. The main changes are as follows:

— in Clause 4, a maximum level of hydrocarbon contamination of 220 mg/m^2 and a maximum particle size of 200 µm has been introduced for valves for oxygen and other oxidizing gases for general purpose applications, and the mandatory reference to ISO 15001 has been changed to an example for medical applications;

— in 5.2, indent c), the value of the test pressure for specific acetylene valves has been reduced from 37 bar to 35 bar;

— in 5.4, the requirements concerning the verification of the assembly with regard to the use of correct components and assembly torques have been clarified.

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.