

**Transportable gas cylinders - Inspection and
maintenance of cylinder valves (ISO 22434:2006)**

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NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 22434:2011 sisaldab Euroopa standardi EN ISO 22434:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.03.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 02.03.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 22434:2011 consists of the English text of the European standard EN ISO 22434:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 02.03.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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ICS 23.020.30, 23.060.01

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EUROPEAN STANDARD

EN ISO 22434

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2011

ICS 23.020.30; 23.060.01

Supersedes EN 14189:2003

English Version

Transportable gas cylinders - Inspection and maintenance of cylinder valves (ISO 22434:2006)

Bouteilles à gaz transportables - Contrôle et maintenance
des robinets de bouteilles (ISO 22434:2006)

Ortsbewegliche Gasflaschen - Inspektion und
Instandhaltung von Gasflaschenventilen (ISO 22434:2006)

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

The text of ISO 22434:2006 has been prepared by Technical Committee ISO/TC 58 "Gas cylinders" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 22434:2011 by 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of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.

This document supersedes EN 14189:2003.

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Endorsement notice

The text of ISO 22434:2006 has been approved by CEN as a EN ISO 22434:2011 without any modification.

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Transportable gas cylinders — Inspection and maintenance of cylinder valves

1 Scope

This International Standard specifies the requirements for the inspection and maintenance of cylinder valves, including valves with integrated pressure regulators (VIPR) (see ISO 22435).

This International Standard may be applied to cylinder valves at the time of the periodic inspection of gas cylinders, bundles, drums and trailers, and at any other time, e.g. at change of gas service (see ISO 11621). It does not apply to routine inspection of cylinder valves carried out at the time of cylinder filling.

NOTE National standards and regulations may apply to maintenance of cylinder valves.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6406:2005, *Gas cylinders — Seamless steel gas cylinders — Periodic inspection and testing*

ISO 10156, *Gases and gas mixtures — Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets*

ISO 10297, *Transportable gas cylinders — Cylinder valves — Specification and type testing*

ISO 10463, *Cylinders for permanent gases — Inspection at time of filling*

ISO 10691, *Gas cylinders — Refillable welded steel cylinders for Liquefied Petroleum Gas (LPG) — Procedures for checking before, during and after filling*

ISO 11113, *Cylinders for liquefied gases (excluding acetylene and LPG) — Inspection at time of filling*

ISO 11372, *Gas cylinders — Cylinders for dissolved acetylene — Inspection at time of filling*

ISO 11755, *Gas cylinders — Cylinder bundles for compressed and liquefied gases (excluding acetylene) — Inspection at time of filling*

ISO 13341, *Transportable gas cylinders — Fitting of valves to gas cylinders*

ISO 14245, *Gas cylinders — Specifications and testing of LPG cylinder valves — Self-closing*

ISO 14246, *Transportable gas cylinders — Gas cylinder valves — Manufacturing tests and inspection*

ISO 15001, *Anaesthetic and respiratory equipment — Compatibility with oxygen*

ISO 15995, *Gas cylinders — Specifications and testing of LPG cylinder valves — Manually operated*

ISO 22435, *Gas cylinders — Cylinder valves with integrated pressure regulator — Specification and type testing*