

Gas cylinders - Precautionary labels

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 7225:2007 sisaldab Euroopa standardi EN ISO 7225:2007 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 21.06.2007 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 23.05.2007.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 7225:2007 consists of the English text of the European standard EN ISO 7225:2007.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 21.06.2007 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 23.05.2007.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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Võtmesõnad: compound gas cylinders, design, gas cylinders, graphic symbols, hazard labels, labelling, labels, marking, mobile, safety, stickers, symbols, warning labels, warning symbols

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English Version

Gas cylinders - Precautionary labels (ISO 7225:2005)

Bouteilles à gaz - Étiquettes de risque (ISO 7225:2005)

Ortsbewegliche Gasflaschen - Gasflaschen-Kennzeichnung
(ISO 7225:2005)

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Foreword

The text of ISO 7225:2005 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 7225:2007 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of an identical text or by endorsement, at the latest by November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.

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The text of ISO 7225:2005 has been approved by CEN as EN ISO 7225:2007 without any modifications.

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Gas cylinders — Precautionary labels

Bouteilles à gaz — Étiquettes de risque



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Foreword

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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.

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ISO 7225 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 7225:1994), which has been technically revised.

Introduction

This International Standard belongs to a series of standards specifying gas cylinder identification requirements:

- ISO 13769, *Gas cylinders — Stamp marking*
- ISO 7225, *Gas cylinders — Precautionary labels*
- ISO 32, *Gas cylinders for medical use — Marking for identification of content*

The purpose of using precautionary labels on gas cylinders is to facilitate the identification of each cylinder and its content and to warn of the principal hazards associated with the said contents. Such labels can also serve to give other essential information such as the names and chemical formula of the gas or gas mixture and supplementary instructions on precautionary measures.

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Gas cylinders — Precautionary labels

1 Scope

This International Standard specifies the design, content (i.e. hazard symbols and text) and application of precautionary labels intended for use on individual gas cylinders containing single gases or gas mixtures. Labels for cylinders of bundles and labels for bundles are not covered by this International Standard.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

hazard label

square set at an angle of 45° (diamond-shaped) as referenced in the *United Nations Recommendations on the Transport of Dangerous Goods — Model Regulations*

NOTE Sometimes referred to as risk label.

3 Design and content of precautionary labels

3.1 General

Precautionary labels shall be in accordance with the *United Nations Recommendations on the Transport of Dangerous Goods — Model Regulations* or other applicable transport regulations. See Annex A for examples of hazard labels.

Precautionary labels shall be designed, attached and maintained so they are clearly visible and legible.

Precautionary labels shall consist of two components:

- a) a diamond-shaped part or parts, i.e. a primary hazard label and – in cases where two or three kinds of hazard require identification – one or two subsidiary hazard labels;
- b) a panel.

Where two or three hazard labels are necessary, the subsidiary hazard label(s) shall be placed to the right of the primary hazard label. Labels may overlap as illustrated in Figures 1 to 3. In all cases, the labels representing the primary hazard and the numbers appearing on any label shall remain fully visible, and the symbols shall be recognizable.

The labels and panels as shown in Figures 1 to 4 may be manufactured separately and assembled on the gas cylinder.

Figures 1 to 4 show examples of arrangements of the label(s) and panel; other arrangements of the label(s) are permissible (e.g. the label may be above or beneath the panel).