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**Transportable gas cylinders — Cylinder  
valves for non-refillable cylinders —  
Specification and prototype testing**

*Bouteilles à gaz transportables — Robinets pour bouteilles non  
rechargeables — Spécifications et essais de prototype*



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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 3.

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 member bodies casting a vote.

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

International Standard ISO 13340 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this standard, read "...this European Standard..." to mean "...this International Standard...".

Annex ZZ provides a list of corresponding International and European Standards for which equivalents are not given in the text.

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## Foreword

The text of EN ISO 13340:2001 has been prepared by Technical Committee CEN/TC 23 "Transportable gas cylinders", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 58 "Gas cylinders".

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 October 2001, and conflicting national standards shall be withdrawn at the latest by October 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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## 1 Scope

This Standard specifies requirements for gas cylinder valves to be used with non refillable cylinders and the method of testing such valves for prototype approval.

NOTE : Non refillable gas cylinders are specified in prEN 12205:1998 and ISO/FDIS 11118:1999.

This Standard is not applicable to valves for breathing equipment, fire extinguishers and cryogenic equipment.

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 720-2	<i>Transportable gas cylinders - Gases and gas mixtures - Part 2 : Determination of flammability and oxidizing ability of gases and gas mixtures</i>
EN 849	<i>Transportable gas cylinders - Cylinder valves - Specification and type testing</i>
EN ISO 11114-1	<i>Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1 : Metallic materials (ISO 11114-1:1997)</i>
EN ISO 11114-2	<i>Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2 : Non-metallic materials (ISO 11114-2:2000)</i>
ISO 188	<i>Rubber, vulcanized or thermoplastic - Accelerated ageing and heat-resistance tests</i>
ISO 1817	<i>Rubber, vulcanized - Determination of the effect of liquids</i>
ISO 5145:1990	<i>Cylinder valve outlets for gases and gas mixtures - Selection and dimensioning</i>