

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

The European Standard EN ISO 13340:2001 has the status of a
British Standard

ICS 23.020.30; 23.060.40

National foreword

This British Standard is the official English language version of EN ISO 13340:2001. It is identical with ISO 13340:2001. It partially supersedes BS 341-1:1991.

The UK participation in its preparation was entrusted by Technical Committee PVE/3, Gas containers, to Subcommittee PVE/3/1, Valve fittings for gas cylinders, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, pages 2 to 10, an inside back cover and a back cover.

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English version

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Bouteilles à gaz transportables - Robinets pour bouteilles
nyn rechargeables - Spécifications et essais de prototype
(ISO 13340:2001)

Ortsbewegliche Gasflaschen - Flaschenventile für
Einwegflaschen - Spezifikation und Typprüfung (ISO
13340:2001)

This European Standard was approved by CEN on 14 December 2000.

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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of an identical text or by endorsement, at the latest by October 2001, and conflicting national standards shall be withdrawn at the latest by October 2001.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.

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 mixtures¹</i>
EN 849	<i>Transportable gas cylinders - Cylinder valves - Specification and type testing²</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>

¹ technically equivalent to ISO 10156

² technically equivalent to ISO 10297