



BSI Standards Publication

Small craft — Liquefied petroleum gas (LPG) systems

National foreword

This British Standard is the UK implementation of EN ISO 10239:2025. It is identical to ISO 10239:2025. It supersedes BS EN ISO 10239:2017, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GME/33, Small craft.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date

Text affected

English Version

Small craft - Liquefied petroleum gas (LPG) systems (ISO 10239:2025)

Petits navires - Installations alimentées en gaz de pétrole liquéfiés (GPL) (ISO 10239:2025)

Kleine Wasserfahrzeuge - Flüssiggas-Anlagen (LPG) (ISO 10239:2025)

This European Standard was approved by CEN on 12 January 2025.

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 10239:2025) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with Technical Committee CEN/TC 464 "Small Craft" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.

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 10239:2017.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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Endorsement notice

The text of ISO 10239:2025 has been approved by CEN as EN ISO 10239:2025 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of EU Directive 2013/53/EU

This European Standard has been prepared under a Commission's standardization request M/542/C (2015) 8736 final to provide one voluntary means of conforming to essential requirements of Directive 2013/53/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2013/53/EU

Essential Requirements of Directive 2013/53/EU	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
I.A.5.5 – Gas System	4, 5, 6, 7, 8, 9, 10, 11, 13, Annex B, Annex D	This standard satisfies the legal requirements of this essential requirement in respect of Liquid Petroleum Gas systems. Annex D applies in respect of cooking appliances with integral LPG cartridges with a capacity of 225 g or less.
1.A.5.6.1 - Fire protection, general	Clause 6.5, 7.9, 7.11, Annex C, Annex D	Annex D applies in respect of cooking appliances with integral LPG cartridges with a capacity of 225 g or less.
1.A.2.5 - Owner's manual	Clause 14, Annex C, Annex D.9	Annex D applies in respect of cooking appliances with integral LPG cartridges with a capacity of 225 g or less.

Table ZA.2 — Applicable Standards to confer presumption of conformity as described in this Annex ZA

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 7-1	ISO 7-1:1994	<i>Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation</i>	For applicable standard edition see Column 2
ISO 565	ISO 565:1990	<i>Test sieves — Metal wire cloth, perforated metal plate and electroformed sheet — Nominal sizes of openings</i>	For applicable standard edition see Column 2
ISO 8434-1:2018	ISO 8434-1:2018	<i>Metallic tube connections for fluid power and general use — Part 1: 24° cone connectors</i>	EN ISO 8434-1:2018
ISO 8666	ISO 8666:2020	<i>Small craft — Principal data</i>	EN ISO 8666:2020 EN ISO 8666:2020/A11:2021
ISO 8846	ISO 8846:1990	<i>Small craft — Electrical devices — Protection against ignition of surrounding flammable gases</i>	EN ISO 8846:2017
ISO 9094	ISO 9094:2022	<i>Small craft — Fire protection</i>	EN ISO 9094:2017
ISO 11812	ISO 11812:2020	<i>Small craft — Watertight or quick-draining recesses and cockpits</i>	EN ISO 11812:2024
	ISO 11812:2020/ Amd 1:2024	<i>Small craft — Watertight or quick-draining recesses and cockpits — Amendment 1</i>	EN ISO 11812:2024/A1:2024
EN 751-2	-	<i>Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water — Part 2: Non-hardening jointing compounds</i>	EN 751-2:1996
EN 751-3	-	<i>Sealing materials for metallic threaded joints in contact with 1st, 2nd and</i>	EN 751-3:1996 EN 751-3:1996/AC:1997

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
		<i>3rd family gases and hot water — Part 3: Unsintered PTFE tapes</i>	
EN 1254-2	-	<i>Copper and copper alloys - Plumbing fittings - Part 2: Compression fittings for use with copper tubes</i>	EN 1254-2:2021
EN 1949	-	<i>Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles</i>	EN 1949:2021
EN 15266	-	<i>Stainless steel pliable corrugated tubing kits in buildings for gas with an operating pressure up to 0,5 bar</i>	EN 15266:2007
EN 16129:2013	-	<i>Pressure regulators, automatic change-over devices, having a maximum regulated pressure of 4 bar, with a maximum capacity of 150 kg/h, associated safety devices and adaptors for butane, propane, and their mixtures</i>	EN 16129:2013

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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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 document 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 188, *Small craft*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 464, *Small Craft*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 10239:2014), which has been technically revised.

The main changes are as follows:

- the Scope has been clarified;
- new definitions for “room-sealed appliance” and “open-flued appliance” have been added;
- new definitions for “cylinder locker” and “cylinder housing” have been added, including some examples in a new [Annex E](#);
- [Clause 9](#) on the location and installation of LPG cylinders has been revised;
- a new [Clause 12](#) has been added with details of a commissioning label;
- the location of pressure regulating devices has been clarified;
- [Annex C](#) has been revised to update the instructions to be included with the owner's manual;
- a new [Annex E](#) has been added to provide examples of cylinder lockers and cylinder housings.

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.