

Small craft — Personal watercraft — Construction and system installation requirements

This European Standard EN 13590:2003 has the status of a
British Standard

ICS 47.080

National foreword

This British Standard is the official English language version of EN ISO 13590:2003, including CEN Corrigendum September 2004. It is identical with ISO 13590:2003.

The UK participation in its preparation was entrusted to Technical Committee GME/33, Small craft, 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 UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, the EN foreword page, the ISO title page, pages ii to v, a blank page, pages 1 to 23 and a back cover.

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English version

**Small craft - Personal watercraft - Construction and system
installation requirements
(ISO 13590:2003)**

Petits navires - Motos aquatiques - Exigences de
construction et d'installation des systèmes
(ISO 13590:2003)

Kleine Wasserfahrzeuge - Wasserskooter - Anforderungen
an Konstruktion und Einbau von Systemen
(ISO 13590:2003)

This European Standard was approved by CEN on 8 December 2003.

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Foreword

This document (EN ISO 13590:2003) has been prepared by Technical Committee ISO/TC 188 "Small craft", the secretariat of which is held by CMC.

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of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZB, which is an integral part of this document.

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Endorsement notice

The text of ISO 13590:2003 has been approved by CEN as EN ISO 13590:2003 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

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Small craft — Personal watercraft — Construction and system installation requirements

*Petits navires — Motos aquatiques — Exigences de construction et
d'installation des systèmes*



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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 2.

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.

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

ISO 13590 was prepared by Technical Committee ISO/TC 188, *Small craft*.

This second edition cancels and replaces the first edition (ISO 13590:1997), which has been technically revised.

Small craft — Personal watercraft — Construction and system installation requirements

1 Scope

This International Standard applies to personal watercraft as defined in 3.1, for the construction and installation of builder's plate, permanently installed petrol fuel systems, electrical systems, steering systems, ventilation, hull structure and floatation, and requirements for stability, freeboard and owner's manual.

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 1402:1994, *Rubber and plastics hoses and hose assemblies — Hydrostatic testing*

ISO 1817:1999, *Rubber, vulcanized — Determination of the effect of liquids*

ISO 7326:1991, *Rubber and plastics hoses — Assessment of ozone resistance under static conditions*

ISO 7840:—¹⁾, *Small craft — Fire-resistant fuel hoses*

ISO 8469:1994, *Small craft — Non-fire-resistant fuel hoses*

ISO 10133:2000, *Small craft — Electrical systems — Extra-low-voltage d.c. installations*

ISO 10240:—²⁾, *Small craft — Owner's manual*

ASTM D 1621:2000, *Standard Test Method for Compressive Properties of Rigid Cellular Plastics*

3 Terms and definitions

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

3.1

personal watercraft

vessel less than 4 m in length, which uses an internal combustion engine powering a water-jet pump as its primary source of propulsion, and is designed to be operated by a person or persons sitting, standing, or kneeling on, rather than within, the confines of a hull

1) To be published. (Revision of ISO 7840:1994)

2) To be published. (Revision of ISO 10240:1995)