INTERNATIONAL STANDARD

ISO 14945

Second edition
2021-04

Small craft — Builder's plate

Petits navires — Plaque du constructeur

Reference number
ISO 14945:2021(E)

© ISO 2021



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword ..... **iv**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 General requirements **2**
4.1 Material and fixing 2
4.2 Marking 2
4.3 Size of characters 2
4.4 Size of pictograms and symbols 2
4.5 Location 3
5 Displayed builder's plate information **3**
Annex A (informative) **Design and examples of builder's plates** **4**
Bibliography **6**

© ISO 2021 – All rights reserved

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 documents 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).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 second edition cancels and replaces the first edition (ISO 14945:2004), which has been technically revised.

The main changes compared to the previous edition are as follows:

— added propeller symbol definition (3.6);

— defined small craft (3.7);

— updated Clause 5 to provide guidance for inclusion of the mass of outboards, as well as maximum kW and maximum load, in the builder's plate;

— updated plate illustrations (Annex A).

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.

© ISO 2021 – All rights reserved

Small craft — Builder's plate

1 Scope

This document specifies requirements for the uniform display of the information exhibited on the builder's plate of small craft.

Personal watercraft are excluded from the Scope of this document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 12217-1:2015, *Small craft — Stability and buoyancy assessment and categorization — Part 1: Non-sailing boats of hull length greater than or equal to 6 m*

ISO 12217-2:2015, *Small craft — Stability and buoyancy assessment and categorization — Part 2: Sailing boats of hull length greater than or equal to 6 m*

ISO 12217-3:2015, *Small craft — Stability and buoyancy assessment and categorization— Part 3: Boats of hull length less than 6 m*

ISO 14946:2021, *Small craft — Maximum load capacity*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
design categories
description of the sea and wind conditions for which a craft is assessed to be suitable

Note 1 to entry: The design categories are defined in ISO 12217 (all parts).

3.2
builder's plate
label or plate displaying basic user information related to the *small craft* (3.7)

3.3
person's symbol
graphic representing a person with a mass of 75 kg

© ISO 2021 – All rights reserved

3.4
suitcase symbol
graphic of a suitcase representing a load of a given mass that can be carried when the craft is underway, such as personal equipment, personal safety equipment, spare parts, tools, dry provisions, fishing tackle, portable tanks

Note 1 to entry: This mass is expressed in kilograms (kg).

3.5
outboard engine symbol
graphic of an outboard engine representing the total maximum recommended outboard engine mass for all engines

Note 1 to entry: This mass is expressed in kilograms (kg).

3.6
propeller symbol
graphic representing the maximum recommended power rating

Note 1 to entry: The power rating is expressed in kilowatts (kW).

Note 2 to entry: An example of the propeller symbol is shown in Figures A.1 and A.2, Key item 7; the symbol is registered as ISO 7000-3646.

3.7
craft
small craft
recreational boat, and other watercraft using similar equipment, of up to 24 m length of hull (L_H)

Note 1 to entry: The measurement methodology for the length of hull is defined in ISO 8666.

[SOURCE: ISO 8666:2020, 3.15, modified – Note 1 to entry has been added.]

4 General requirements

4.1 Material and fixing

The builder's plate shall be a rigid plate or flexible label permanently affixed to the craft. Alternatively, the craft shell may be used for the marking.

4.2 Marking

Characters, symbols, figures and other markings on the builder's plate shall be carved, stamped, burned, embossed, moulded, etched, printed, affixed by permanently setting adhesive, or be applied by other suitable means. Alternatively, the information may be printed or etched on the craft itself.

The characters shall contrast or be on a different level to the background so that alterations are obvious.

The colours applied to the label shall be UV and fade resistant.

4.3 Size of characters

The required characters shall be at least 5 mm in height.

Other characters shall be at least 3 mm in height.

4.4 Size of pictograms and symbols

Pictograms and symbols shall be at least 8 mm in height.

© ISO 2021 – All rights reserved