
Small craft — Builder's plate

Petits navires — Plaque du constructeur

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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 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.

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*

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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

**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.]

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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.

4.5 Location

The builder's plate shall be readily visible, preferably in the cockpit or near the main steering position.

The builder's plate shall be mounted separately from the watercraft identification number.

5 Displayed builder's plate information

5.1 The following information shall be displayed on each builder's plate:

- a) manufacturer's name, registered trade name or registered trade mark, as well as contact address;
- b) CE marking, if applicable;
- c) craft design category(s) in accordance with ISO 12217 (all parts):2015;
- d) maximum load for the builder's plate, m_{MBP} , according to ISO 14946:2021, with the person symbol and suitcase symbol;
- e) maximum recommended number of persons that the craft is designed to carry while underway, according to ISO 14946:2021, with the person symbol.

5.2 Where the manufacturer wishes to display more than one design category to a craft, the display shall be such that the maximum number of persons and the maximum load are clearly identified to belong to a specific design category.

5.3 The manufacturer may provide additional information on the builder's plate:

- a) if the maximum propulsion power rating is included, it shall be displayed in kW;
- b) if the maximum outboard engine(s) mass is included, it shall be displayed in kg.

The inclusion of additional information shall not impair the legibility of the required information and shall be separated from it (preferably by a line or similar delimiter).

NOTE Examples of builder's plates are shown in Annex A.

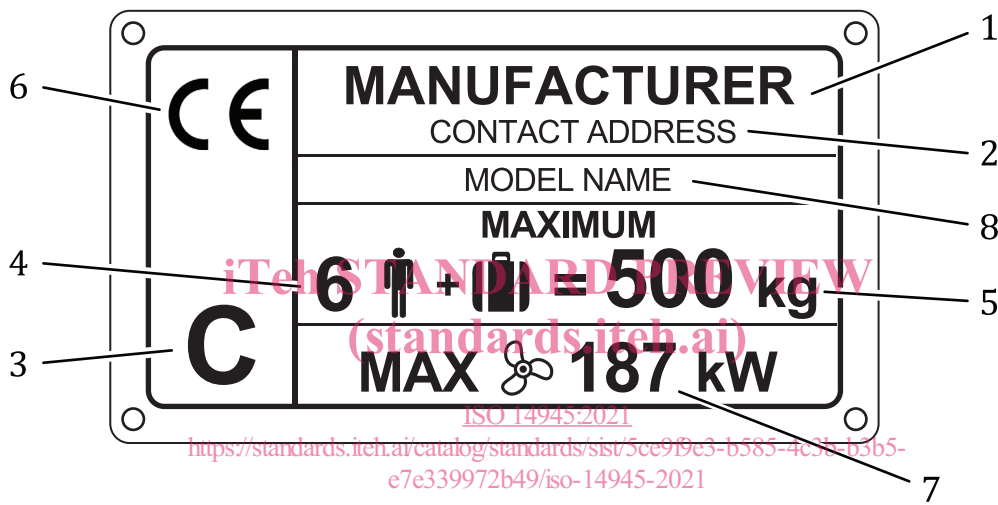
Annex A (informative)

Design and examples of builder's plates

A.1 Design of builder's plate

The manufacturer of the small craft is free to choose the design of the builder's plate and the order in which information is displayed.

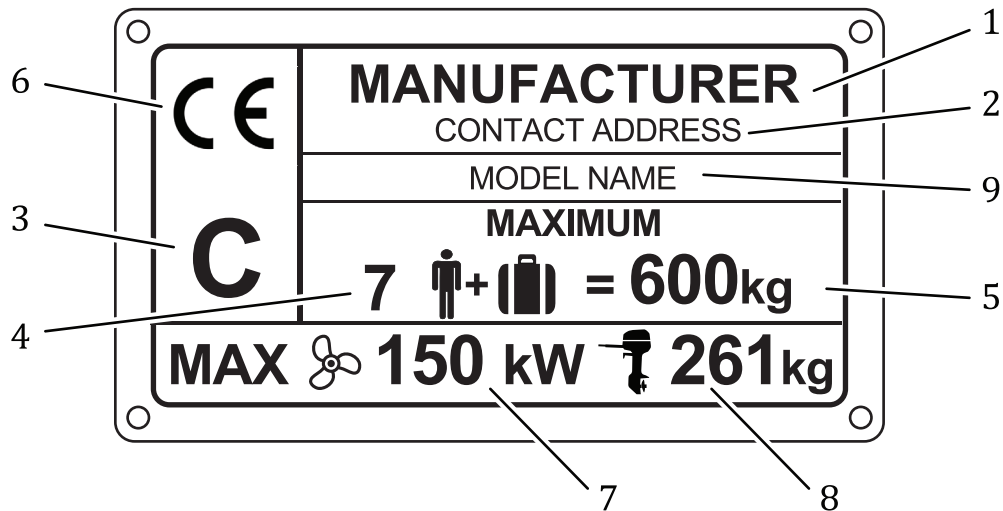
Figures A.1 and A.2 show typical design examples of builder's plates.



Key

- 1 manufacturer's name, registered trade name or registered trademark
- 2 contact address of the manufacturer
- 3 craft design category
- 4 maximum recommended persons' capacity
- 5 maximum load for the builder's plate, expressed in kg
- 6 CE mark (if applicable)
- notified body's identification number (if applicable)
- 7 maximum power rating, expressed in kW
- 8 model name

Figure A.1 — Builder's plate information for craft powered by inboard or stern drive engines — Example

**Key**

- 1 manufacturer's name, registered trade name or registered trademark
- 2 contact address of the manufacturer
- 3 craft design category
- 4 maximum recommended persons' capacity
- 5 maximum load for the builder's plate, expressed in kg
- 6 CE mark (if applicable)
- 7 maximum outboard power rating, expressed in kW
- 8 for engines greater than 3 kW, the maximum mass of the outboard engine(s)
- 9 model name

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Figure A.2 — Builder's plate information for craft powered by outboard engines — Example

Bibliography

- [1] ISO 7000, *Graphical symbols for use on equipment — Registered symbols*
- [2] ISO 8666:2020, *Small craft — Principal data*

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