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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 11700-2009

Replacing GB/T 11700-2003

**Small craft -- Marine propulsion reciprocating internal
combustion engines -- Power measurements and declarations**

小艇 船用推进往复式内燃机 功率的测定和标定

(English Translation)

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Foreword

This standard is equivalent to using ISO 8665:2006 "Determination boat marine propulsion engines and propulsion device power and calibration." (English Chinese Version).

This standard replaces GB/T 11700-2003 "Small craft marine propulsion engines and propulsion device power measurement and calibration." this standard compared with GB/T 11700-2003, there are the following changes.

- Increased the ISO 15550:2002 references;
- Deleted 3.2, Chapter 4;
- Revised Chapter 5, Chapter 6, Chapter 7, Chapter 8, Chapter 9 of the content.

Appendix A of this standard and Appendix B is an informative annex.

The standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee boat.

This standard was drafted. China Shipbuilding Industry Corporation seventh Research Institute of -.

1 Scope

This standard specifies the marine propulsion reciprocating internal combustion engines of power measurement and calibration. While also providing for certificates and check factory Published calibration (nominal) power approach.

This standard applies to the hull length of not more than 24m yachts and other boats

marine propulsion engines.

This standard is required to be used in combination with ISO 15550.

Note: The engine emission determination upon request ISO 8178, ISO 14396's.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

ISO 3104:1994 Determination and calculation of transparent and opaque liquid petroleum products kinematic viscosity ISO 3675:1998 crude oil and liquid petroleum laboratory products - Determination of density or relative density hydrometer method ISO 5165:1998 Petroleum products cetane ignition performance measurement method ISO 15550:2002 internal combustion engine power measurement method General

3 Terms and Definitions

And ISO 15550 in the following terms and definitions apply to this standard established.

(No governor for spark-ignition engines) at the midpoint of the propeller manufacturer to select the recommended full throttle RPM range speed.

4 Symbol

ISO 15550:2002 symbol given in Table 2 apply to this standard.

5 Standard reference conditions

ISO 15550:2002 standard reference conditions specified in Chapter 5 apply to this standard.

6.1 General

Using ISO 15550. Test Methods 6.3 20022.

6.2 Test conditions

ISO 15550:2002 in 6.3.4.1 ~ 6.3.4.14 applies, and the following additional conditions.

6.2.1

Test engine or propulsion device manufacturer's products should be in a representative

sample, all auxiliary devices shall be installed to identify and explain.

6.2.2

All but the ISO 15550:2002 equipment and accessories in Table 1, column 3 lists the tests required before demolition.

GB/T 11700-2009/ISO 8665:2006