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

GB/T 20064.1-2015

**Reciprocating internal combustion engines -- Handle starting
equipment -- Part 1: Safety requirements and tests**
(English Translation)

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Foreword

GB/T 20064 Reciprocating internal combustion engines - Handle starting equipment consists of two parts.

- Part 1.Safety requirements and tests;
- Part 2.Method of testing the angle of disengagement.

This Part is the first part of GB/T 20064.

This Part was drafted in accordance with the rules given in GB/T 1.1-2009.

This Part replaces GB/T 20064.1-2006 Reciprocating internal combustion engines - Handle starting equipment - Part 1.Safety requirements and tests.

Compared with GB/T 20064.1-2006, it deletes Annex NA Relief handle starting device.

This Part uses translation method and identically adopts ISO 11102-1.1997 Reciprocating internal combustion engines - Handle starting equipment Part 1 Safety requirements and tests.

This Part was proposed by China Machinery Industry Federation.

This Part shall be under the jurisdiction of National Technical Committee on Internal Combustion Engine of Standardization Administration of China (SAC/TC 177).

The drafting organizations of this Part. Shanghai Internal Combustion Engine Research Institute, Shanghai Institute of Internal Combustion Engine Machinery Industry, Changzhou Changrui Tianli Power Machinery Co., Ltd., Snow Dragon Group Co., Ltd., Ningbo Xindajie Electric Appliance Co., Ltd., Changzhou Changhao Diesel Engine Co., Ltd..

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Version of standard substituted by this Standard is.

- GB/T 20064.1-2006.

Reciprocating internal combustion engines -

Handle starting equipment -

Part 1.Safety requirements and tests

1 Scope

This Part of GB/T 20064 specifies requirements for handle starting equipment used on reciprocating internal combustion engines for land, rail and marine use, excluding engines used to propel road vehicles and aircraft. It may be applied to engines used to propel road construction, earth moving machines and for other applications where no suitable International Standards exist.

In addition to the technical safety requirements, this Part describes procedures for checking adherence to these requirements.

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.

GB/T 20064.2-2006 Reciprocating internal combustion engines - Handle starting equipment - Part 2.Method of testing the angle of disengagement (ISO 11102-2.1997, IDT)

3 Terms and definitions

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

3.1 handle starting system

starting system using a crank handle to rotate the engine up to the required firing speed

3.2 automatic disengagement device

device which automatically interrupts the connection between the engine and the starting handle once the engine is running, thus preventing the handle from being turned by the engine

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