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

GB/T 3883.202-2019

**Safety of motor-operated hand-held, transportable and garden
tools -- Part 202: Particular requirements for hand-held
screwdrivers and impact wrenches**

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Foreword

Part 2 of the Handheld, Portable Power Tools and Garden Tools Safety Handheld Power Tools, currently consisting of the following 5 parts

composition.

---GB/T 3883.201-2017 Safety of hand-held, portable power tools and garden tools - Part 2. Drills and impact

Special requirements for electric drills;

Special requirements for wire cutters and impact wrenches;

--- GB/T 3883.204-2019 Safety of hand-held, portable power tools and garden tools - Part 204. Hand-held

Special requirements for disc sanders and polishing machines;

--- GB/T 3883.205-2019 Safety of hand-held, portable power tools and garden tools - Part 205. Hand-held

Special requirements for saws;

--- GB/T 3883.210-2019 Safety of hand-held, portable power tools and garden tools - Part 210. Hand-held

Special requirements for planing.

This part is the 202 part of GB/T 3883.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces GB/T 3883.2-2012 "Safety of hand-held power tools - Part 2. Dedicated

to screwdrivers and impact wrenches

Requirements, compared with GB/T 3883.2-2012, the main technical changes are as follows.

- Increase the scope of application does not apply (see Chapter 1);
- Modify the definition of screwdriver and impact wrench (see Chapter 3, Chapter 3 of the.2012 edition);
- Instructions for increasing the quality of the tool in the general conditions of the test (see Chapter 5);
- Signs and instructions increased by 8.14.1.111) (see Chapter 8);
- Abnormal operation modification Table 4 corresponding to Part 1 (see Chapter 18, Chapter 18 of the.2012 edition);
- The mechanical hazard has been modified from the contents of 19.6 (see 19.6, Chapter 19 of the.2012 edition);
- Mechanical strength modification 20.5 not applicable range (see Chapter 20, Chapter 20 of the.2012 edition);
- Structure 21.32 moved to 21.30, and related modifications (see Chapter 21, Chapter 21 of the.2012 edition);
- Component removal 23.3 (see Chapter 23, Chapter 23 of the.2012 edition);
- Increase the informative Appendix I "Measurement of noise and vibration" (see Appendix I);
- Increase K.8.14.1.1101) (see Appendix K).

This section uses the translation method equivalent to IEC 62841-2-2.2014 "Motor-driven hand-held, portable power tools and garden machines

Safety of equipment - Part 2-2. Particular requirements for hand-held screwdrivers and impact wrenches.

This section has made the following editorial changes.

- Change the standard name to "Safety of hand-held, portable power tools and garden tools - Part 202. Hand-held screwdrivers

And special requirements for impact wrenches";

- This section incorporates the contents of IEC 62841-2-2.2014/COR1.2015, the terms of which are related to these technical errata

The vertical double line (||) in the outer margin of the margin is marked.

This part should be in accordance with GB/T 3883.1-2014 "Safety of hand-held, portable power tools and garden tools - Part 1. General

Seek to use together.

This section states the "applicable" part, indicating that the corresponding clauses in GB/T 3883.1-2014 apply; this section states the "replacement" part.

The terms in this section shall prevail; the part of this section that states "modifications" shall be related to the corresponding provisions of GB/T 3883.1-2014.

The content shall be subject to the revised content of this section, and the other contents of the clause shall still apply; the part of this section indicating "increase" means

In addition to the corresponding provisions of GB/T 3883.1-2014, it should also comply with the provisions added in this section.

This part was proposed by China Electrical Equipment Industry Association.

This part is under the jurisdiction of the National Power Tools Standardization Technical Committee (SAC/TC68).

This section was drafted. Shandong Zhongxing Power Tools Co., Ltd., Shanghai Electric Tools Research Institute (Group) Co., Ltd., Zhejiang Yate Electric

Instrument Co., Ltd., Jiangsu Dongcheng Power Tools Co., Ltd., Ruiqi Holdings Co., Ltd.

Introduction

In 2014, China issued the national standard GB/T 3883.1-2014 "Handheld, portable power tools and garden tools safety

Part 1. General Requirements, the original GB/T 3883 (handheld power tool part), GB/T 13960 (portable power tool part) and

GB/T 4706 (only for garden power tools) is integrated with the common technical requirements of the general safety standards for the three series of power tools.

The specific requirements for the specific types of small products used in conjunction with GB/T 3883.1-2014 are 3 parts, respectively, part 2 (hand

The part of the holding power tool), the third part (portable power tool part), the fourth part (the part of the garden power tool) are all converted to the corresponding country.

Special requirements for the standard IEC 62841 series.

The main elements of the standard name are expanded to "safe for hand-held, portable power tools and garden tools", using the original hand-held power tools

Part of the standard number GB/T 3883. The standard part number of each part of the

small product is composed of 3 digits, of which the first digit

Indicates the corresponding part, and the 2nd and 3rd digits represent different subcategories.

The new GB/T 3883 series standard will form a safe, complete, universal, unified safety tool series for power tools.

The system makes the implementation of the standard more practical and easy to use.

At present, the new GB/T 3883 series standard "Handheld Power Tools Part" has been released as follows.

---GB/T 3883.201-2017 Safety of hand-held, portable power tools and garden tools - Part 2. Drills and impact

Special requirements for electric drills (instead of GB/T 3883.6-2012);

Special requirements for wire cutters and impact wrenches (instead of GB/T 3883.2-2012);

--- GB/T 3883.204-2019 Safety of hand-held, portable power tools and garden tools - Part 204. Hand-held

Special requirements for disc sanders and polishing machines (instead of GB/T 3883.4-2012);

--- GB/T 3883.205-2019 Safety of hand-held, portable power tools and garden tools - Part 205. Hand-held

Special requirements for saws (instead of GB/T 3883.5-2007);

--- GB/T 3883.210-2019 Safety of hand-held, portable power tools and garden tools - Part 210. Hand-held

Special requirements for planing (instead of GB/T 3883.10-2007).

The following standards will be revised in the future.

---GB/T 3883.3-2007 Safety of hand-held power tools - Part 2. Specializations for grinders, polishing machines and disc sanders

Use requirements;

--- GB/T 3883.7-2012 Safety of hand-held power tools - Part 2. Particular requirements for hammers;

--- GB/T 3883.8-2012 Safety of hand-held power tools - Part 2. Particular requirements for electric scissors and electric punches;

--- GB/T 3883.9-2012 Safety of hand-held power tools - Part 2. Particular requirements for tapping machines;