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

GB/T 3883.210-2019

**Safety of motor-operated hand-held, transportable and garden
tools -- Part 210: Particular requirements for hand-held planers**

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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;

--- GB/T 3883.202-2019 Safety of hand-held, portable power tools and garden tools - Part 202. Hand-held snails

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;

Special requirements for planing.

This part is part 210 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 3883.10-2007 "Safety of Hand-held Power Tools - Part 2. Special

Requirements for Planers", and

Compared with GB/T 3883.10-2007, the main technical changes are as follows.

- Modify the definition of the term "electric planer" and add the term "planing knife" (see Chapter 3, Chapter 3 of the.2007 edition);
- Description of the increase in the quality of the planer in the general conditions of the test (see Chapter 5);
- Durability increases the durability requirements of the lifting device (see Chapter 17);
- Abnormal operation to modify Table 4 of Part 1 (see Chapter 18, Chapter 18 of the.2007 edition);
- Increase the mechanical hazard by 19.1, 19.4.101; and increase the requirements of 19.101~19.111 for planing knives, lifting devices, etc. (see Chapter 19);
- Increase the structure by 21.18.1.1, 21.18.1.2 and 21.35 (see Chapter 21);
- Increase the informative Appendix I "Measurement of noise and vibration" (see Appendix I).

This section uses the translation method equivalent to IEC 62841-2-14:2015 "Motor-driven hand-held, portable power tools and gardens

Machine Safety Part 2-14. Special Requirements for Handheld Planers.

This section has made the following editorial changes.

- Change the standard name to "Safety of hand-held, portable power tools and garden tools - Part 210. Hand-held planers

Special requirements";

- Delete K.12.2.1, modify K.21.18.1.2 (see Appendix K);
- Amend L.21.18.1.2 (see Appendix L).

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).

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Instrument Co., Ltd., Zhejiang Xinyuan Electric Manufacturing 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);

--- GB/T 3883.202-2019 Safety of hand-held, portable power tools and garden tools - Part 202. Hand-held snails

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 3883.5-2012);

Special requirements for planing (instead of GB/T 3883.10-2012).

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;

--- GB/T 3883.11-2012 Safety of hand-held power tools - Part 2. Reciprocating saws (Jigsaws, saws)

Claim;

Safety of hand-held power tools - Part 2. Particular requirements for concrete vibrators;

--- GB/T 3883.13-1992 Safety of hand-held power tools - Part 2. Particular requirements for non-flammable liquid electric spray guns;

---GB/T 3883.16-2008 Safety of hand-held power tools - Part 2. Particular requirements for nailing machines;