

ICS 25.140.20

CCS K 64



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

GB/T 3883.204-2019

**Safety of motor-operated hand-held, transportable and garden
tools -- Part 204: Particular requirements for hand-held sanders
and polishers other than disc type**

Issued on: October 18, 2019

Implemented on: May 1, 2020

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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19.6 (see Chapter 19);

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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;

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 part 204 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 3883.4-2012 "Safety of hand-held power tools - Part 2. Specials for non-disc sanders and polishing machines

With the requirements, compared with GB/T 3883.4-2012, the main technical changes are

as follows.

- Increase the range of roller sanders or roller polishers (see Chapter 1);
 - Increase the term "roller sander or roller polisher" (see Chapter 3);
 - Instructions for increasing the quality of the tool in the general conditions of the test (see Chapter 5);
 - Signs and instructions in the original 8.1 moved to 8.3, and related modifications; increased 8.14.1; the original 8.12.1.1 moved to 8.14.1.101, and
- Make relevant modifications (see Chapter 8, Chapter 8 of the.2012 edition);
- Abnormal operation to modify Table 4 of Part 1 (see Chapter 18, Chapter 18 of the.2012 edition);
 - Mechanical hazard increases the requirements of the sanding belts and pulleys of the 19.1.101, 19.1.102 and 19.1.103 belt sanders;

19.6 (see Chapter 19);

- Increased mechanical strength requirements for roller sanders (see Chapter 20);
 - Structure increased by 21.18.1.1; the original 21.32 moved to 21.30, and related modifications; increase 21.35 (see Chapter 21,.2012)
- Chapter 21 of the edition);
- Increase the informative Appendix I "Measurement of noise and vibration" (see Appendix I).

This section uses the translation method equivalent to IEC 62841-2-4.2014 "Motor-driven hand-held, portable power tools and garden machines

Safety of equipment - Part 2-4. Particular requirements for hand-held non-disc sanders and polishing machines.

This section has made the following editorial changes.

- Change the standard name to "Safety of hand-held, portable power tools and garden tools - Part 204. Hand-held non-disc
- Special requirements for sanders and polishers";
- This section incorporates the contents of IEC 62841-2-4.2014/COR1.2015, the terms of which are included in 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).

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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 handheld 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);

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;

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