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

GB 3883.19-2012

Replacing GB 3883.19-2005

**Safety of hand-held motor-operated electric tools -- Part 2:
Particular requirements for drain cleaners**

手持式电动工具的安全 第2部分：管道疏通机的专用要求

(English Translation)

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Foreword

All technical contents of this section is mandatory.

GB 3883 "Safety of hand-held electric tools" is the safety standard for hand-held power tools from Part 1 General requirements and Requirements for Part 2 composition. GB 3883 composition "safe hand-held electric tools" are as follows.

--- GB 3883.1 "The first part of the security hand-held power tools. General requirements"

--- GB 3883.2 "Safety - Part 2 hand-held power tools. screwdrivers and impact wrenches."

--- GB 3883.3 "safe hand-held electric tools Part II. grinders, polishers and disc sanders requirements"

--- GB 3883.4 "Safety of hand-held electric tools Part 2. Non-disc sanders and polishers other special requirements"

--- GB 3883.5 "The second part of the security hand-held power tools. circular saws"

--- GB 3883.6 "Safety - Part 2 hand-held power tools. electric drills and impact drills requirements"

--- GB 3883.7 "Safety handheld power tool Part 2. requirements for hammers tool"

--- GB 3883.8 "Safety of hand-held electric tools Part 2. Particular requirements for electric shears and of"

--- GB 3883.9 "Safety - Part 2 hand-held power tools. tappers requirements"

--- GB 3883.10 "safe hand-held electric tools Part II. Particular requirements for planers"

--- GB 3883.11 "handheld power tool safety Part 2. reciprocating saws (jig, saber saws) special requirements"

--- GB 3883.12 "Safety - Part 2 hand-held power tools. Particular requirements for concrete vibrators"

- GB 3883.13 "the second part of the security hand-held power tools. non-flammable liquid spray guns for special requirements"
- GB 3883.14 "the second part of the security hand-held power tools. Particular requirements for chain saws."
- GB 3883.15 "the second part of the security hand-held power tools. pruning shears requirements"
- GB 3883.16 "safe hand-held electric tools Part II. Particular requirements for tackers"
- GB 3883.17 "the second part of the security hand-held power tools. routers and trimmers special requirements"
- GB 3883.18 "the second part of the security hand-held power tools. Particular requirements for marble cutters"
- GB 3883.19 "safe hand-held electric tools Part 2. Particular requirements for drain cleaners."
- GB 3883.20 "Safety - Part 2 hand-held power tools. requirements for strapping"
- GB 3883.21 "Safety - Part 2 hand-held power tools. band saws"
- GB 3883.22 "Safety handheld power tool of the second part. the requirements for slotter" this section of GB 3883 Part 2. Particular requirements for drain cleaners.

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

This partial replacement GB 3883.19-2005 "Safety handheld power tool of the second part. requirements for drain machine", and GB 3883.19-2005 comparison, the main changes are as follows.

- In the "Durability", increasing the requirement "is not available on the tool mounted switches on and off the tool." (See 17.2);
- In the "mechanical hazards", increasing the requirements on the design (see 19.4);
- In the "mechanical strength", the NA 20.5;
- In the "structure", the 21.32 NA;
- modified appendix K, Appendix L;
- of 3.101,8.1 editorial changes.

This section uses the translation method identical with IEC 60745-2-21:2008 (1.1 version) "Safety of hand-held power tools section 2-21 Point. drain cleaners special requirements ", and equivalents employed 60745-1 IEC .2006 (Version 4.0)" Safety first portion of a hand-held power tool Min. General requirements "established by GB 3883.1-2008" The first part of the security hand-held power tools. General requirements "used together.

This section states that "suitable", showing the corresponding provisions applicable in GB 3883.1-2008; stated in this section, "Change", and should in this section prevail provisions; stated in this section, "Edit", and indicates the corresponding provision of GB 3883.1-2008 content should be present After some changes the contents of the subject, and the provision of other content still apply; this states "addition", expressed in addition to compliance with GB 3883.1-Outside of the corresponding provision 2008, this section shall comply with the added provision.

This section was proposed by China Electrical Equipment Industrial Association.

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

This section was drafted. Shanghai Electric Tool Research Institute.

This part drafter. Chen Jianqiu, according to Li, Shen Huijuan, Liu Jiang.

Safety of hand-held power tools Requirements for drain Machine. Part 2

1 Scope

In addition to the following provisions, GB 3883.1-2008 of this chapter apply.

increase.

This section applies to drain cleaners.

2 Normative references

This chapter GB 3883.1-2008 is applicable.

3 Terms and Definitions

In addition to the following provisions, GB 3883.1-2008 of this chapter apply.

Increased definition.

3.101

Drain cleaners draincleaner Tool for removing obstructions in the pipeline.

4 General requirements

This chapter GB 3883.1-2008 is applicable.

General requirements Test 5 this chapter GB 3883.1-2008 is applicable.

6 Void

Category 7

This chapter GB 3883.1-2008 is applicable.

8 Signs and instructions

In addition to the following provisions, GB 3883.1-2008 of this chapter apply.

8.1

Addition.

After the first four dashes increase.

---place of origin;

9 Protection against contact with live parts

In addition to the following provisions, GB 3883.1-2008 of this chapter apply.

9.101

increase.

Drain cleaners do not think cable is gripping surface.

10 Start

This chapter GB 3883.1-2008 is applicable.

Power input and current 11 this chapter GB 3883.1-2008 is applicable.

12 Fever

This chapter GB 3883.1-2008 is applicable.

Leakage current 13

This chapter GB 3883.1-2008 is applicable.

14 Moisture resistance

This chapter GB 3883.1-2008 is applicable.

Electrical strength 15 this chapter GB 3883.1-2008 is applicable.

Overload protection circuit 16 and its associated transformer this chapter GB 3883.1-2008 is applicable.