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

GB 4706.7-2014

**Safety of household and similar electrical appliances -
Particular requirements for vacuum cleaner and water suction**

家用和类似用途电器的安全 真空吸尘器和吸水式清洁器具的特殊要求

(English Translation)

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Table of Contents

Foreword	1
Introduction	2
Scope	3
Normative references	4
Terms and Definitions	5
General requirements	6
General conditions for tests	7
Marking and instructions	8
Pairs of protection access to live parts	9
Start electric appliances	10
Power input and current	11
Leakage current and electric strength at operating temperature	12
Transient overvoltage	13
Moisture resistance	14
Leakage current and electric strength	15
Overload protection of transformers and associated circuits	16
Endurance	17
Abnormal operation	18
Stability and mechanical hazards	19
Mechanical strength	20
Carrier pipe should Crush resistance	21

Foreword

All technical content in this section are mandatory.

GB 4706 "Household and similar electrical appliances" made up of several parts. Part 1: General requirements, other parts of the special Claim.

This is Part 7 GB 4706's. This section should be GB 4706.1-2005 "Household and similar electrical appliances - Safety first Part I. General requirements "in conjunction.

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

This Part replaces GB 4706.7-2004 "Special Household and similar electrical appliances - Safety vacuum cleaners and water suction cleaning appliances Specific requirements. " the

main difference between this part and GB 4706.7-2004 is.

--- Chapter 2 normative references amended as follows.

Delete references "ISO 3864, Safety colors and safety symbols."

--- Chapter 3: Terms and definitions amended as follows.

- Power Pi 3.1.9 has been revised for the "normal work" in;
- 3.1.9 in "normal operation", increasing the battery-powered automatic cleaning appliance requirements;
- Increase the definition of "battery-powered automatic cleaning apparatus" of 3.105;
- Increase 3.106 "charging cradle" is defined.

--- 6.1 appliance for protection against electric shock classification has been revised to add.

--- 11.5 Conditions for heating appliances running on battery-powered automatic cleaning appliance supplemented.

--- 19.9 for non-work on a battery-powered automatic cleaning appliance supplemented.

--- Chapter 22 structure was amended as follows.

- Delete 22.40 all-pole disconnect switch requirements for water suction cleaning appliances shall be fitted;
- increase the power requirements of 22.101 for the cleaning head with water feature.

--- Increase in Appendix B Battery powered automatic cleaning appliance requirements.

This section uses the translation method is equivalent to using IEC 60335-2-2 "Safety - Part 2-2 Household and similar electrical appliances. vacuum cleaner Particular requirements and water suction cleaning appliances. " this section has a corresponding relationship with the normative references of international standards of the following documents.

--- GB/T 9258.2-2008 Coated abrasives - Grain size analysis - Part 2.coarse grain size distribution P12 ~ P220 Determination (ISO 6344-2:1998, IDT)

--- GB/T 20291-2006 household vacuum cleaner performance test methods (IEC 60312:2004, IDT) Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This part is proposed by the China National Light Industry Council.

This part of the National Standardization Technical Committee appliances (SAC/TC46) centralized.

This part of the main drafting unit. China Academy of household appliances, Midea Group

AG, Cobos Robots Technology (Suzhou) Co., Division, Lake Electric Co., Ltd., Qingdao Haier sets appliances Services Ltd., Ningbo Fu Jia Industrial Co., Ltd., Philips (China) Investment Limited resources, China Household Electrical Appliances detection.

Introduction

In drafting this section has been assumed by appropriately qualified and experienced people to implement the provisions of this section.

This section is recognized Household and similar electrical appliances under normal use in the manufacturer's instructions noted that the conditions of the appliance an internationally acceptable level of electrical, mechanical, thermal, fire and radiation hazard protection, it also includes the use of expected possible Irregular situation, and to consider electromagnetic interference for the safe operation of the appliance impact way.

In developing this section has been taken into account as far as possible the requirements specified in IEC 60364, so that when the appliance is electrically connected to the grid Gas wiring rules requires coordinated.

If a number of functions related to the GB 4706 appliance different specific requirements, as far as is reasonable in the circumstances, the relevant section Particular requirements for points to be applied separately to each function. If applicable, taking into account the influence of one function to another function.

When other parts do not contain additional requirements involving dangerous for Part 1, Part 1 applies.

Note 1: In this section, when referring to "other parts", it refers to the specific requirements related to 4706 GB of.

This part is related to a security appliance product family standard, and in standards covering the same subject in the same level and category of Priority.

Note 2: The standard deals with the same dangerous levels and categories do not apply, because it is already in the determination of GB 4706 series of standards and special requirements General Requirements Considered within the scope. For example, many appliance surface temperature requirements, in addition to the first part and other parts of the common standards (such as for hot surfaces the ISO 13732-1) Not applicable.

An appliance that complies in this part of the text, when examined and tested, found to have other features would prejudice the requirements of this relates Security level, it will not be sentenced to comply with this section of the safety guidelines.

When using a material or product forms of construction of the section in the requirements, then the product can be in this section in accordance with these Seeking intentions be inspected and tested. If found to be substantially equivalent, it may be considered to comply with the requirements of this section.

Household and similar electrical appliances - Safety vacuum Particular requirements for vacuum cleaners and water suction cleaning appliances

1 Scope

This chapter in GB 4706.1-2005 replaced by the following.

GB This section 4706 provisions applicable to the safety of household and similar electric vacuum cleaners and water suction cleaning appliances, including Including vacuum cleaner for cleaning the animal, its single-phase appliances rated voltage not exceeding 250V, but also for the central vacuum cleaner and with charge Electric battery automatic cleaning apparatus.

This section also applies to the power head and clean the vacuum cleaner with a special carrier tube.

Not as a general family use, but may be dangerous to the public, such as appliances in a store or other place of business, by non-professionals as a member of the general purpose household appliance used also apply.

101 Note. similar appliances for household appliance general purpose use in hotels, schools, hospitals, factories, shops and offices.

In practical terms, the general risk of a variety of instruments exist in this section relates, is all the people in and around the home environment You may encounter.

This section does not generally involve.

--- Persons (including children).

Physical, perceptual and mental deficiency; or Lack of experience and common sense;

Avoid the use of dangerous appliances such persons may arise in the absence of custody or under the guidance;

Play appliance case --- children.

102 Note. Note the following.

--- Intended for use on vehicles, vessels or aircraft instruments, additional requirements may be necessary.

--- National health authorities, the labor protection department, water management and similar departments implement additional requirements as prescribed.

103 Note. This section does not apply to.

--- Designed for industrial use and design of the appliance;

--- Intends to implement in the particular circumstances of a corrosive or explosive gases