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

GB/T 4706.57-2024

Replacing GB 4706.57-2008

**Safety of household and similar electrical appliances - Part 57:
Particular requirements for floor treatment machines and wet
scrubbing machines
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 57 of GB/T 4706 "Safety of Household and Similar Electrical Appliances". GB/T 4706 has been published as follows part.

--- Part 1: General requirements;

--- Part 2: Particular requirements for electric irons;

--- Part 121: Particular requirements for professional ice cream machines.

This document replaces GB 4706.57-2008 "Safety of household and similar electrical appliances - Particular requirements for floor treatment machines and wet scrubbers" Compared with GB 4706.57-2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

--- Changed the scope of this document to include situations where it is not applicable (see Chapter 1, Chapter 1 of the 2008 edition).

This document is equivalent to IEC 60335-2-10:2008 "Safety of Household and Similar Electrical Appliances Part 2-10.Floor Treatment Machines and Particular requirements for wet scrubbing machines.

The following minimal editorial changes were made to this document.

--- The name of the standard was changed to "Safety of Household and Similar Electrical Appliances Part 57: Particular Requirements for Floor Treatment Machines and Wet Scrubbers" Requirement" to enhance the coordination of the standard system.

Introduction

GB/T 4706 "Safety of Household and Similar Electrical Appliances" adopts most of IEC 60335. On this basis, GB/T 4706 refers to the structure of IEC 60335 is divided into several parts, consisting of general requirements and special requirements. Part 1 is general requirements, and the other parts are for products covered by special requirements, their

safety requirements are general requirements used in combination with the special requirements.

The requirements include supplements and modifications to the corresponding clauses in the general requirements to provide complete requirements for each product.

This document is the protection requirements for electrical, mechanical, thermal, fire and radiation risks when the appliance is used normally in accordance with the instructions.

This document also covers abnormal conditions that may occur during use and considers how electromagnetic interference may affect the safe operation of the equipment.

This document has taken into account the requirements specified in GB/T 16895 "Low Voltage Electrical Installations". The appliance is connected to the power supply in accordance with the electrical wiring rules.

requirements are coordinated.

If multiple functions of an appliance involve other parts of GB/T 4706, the other parts shall apply to the appliance separately as long as it is reasonable.

Each function. If applicable, consider the impact of one function on other functions.

When no additional requirements are given in other parts for hazards already included in this document, GB/T 4706.1 applies.

GB/T 4706 is a standard covering appliance safety and takes precedence over general standards/horizontal standards covering the same subject.

This document is used in conjunction with GB/T 4706.1-2024 "Safety of Household and Similar Electrical Appliances Part 1: General Requirements".

The part marked "applicable" in the document indicates that GB/T 4706.1-2024 "Safety of Household and Similar Electrical Appliances - Part 1: General Requirements" the corresponding clauses in the "Requirements" shall apply to this document; for the parts marked "replace" in this document, the clauses in this document shall prevail;

The "Add" part indicates that in addition to complying with the corresponding clauses in GB/T 4706.1-2024, the additional clauses in this document must also be complied with.

Clause; The part marked "modified" in this document indicates that the corresponding clauses of GB/T 4706.1-2024 are modified.

Safety of household and similar electrical appliances Part 57.

Particular requirements for floor treatment machines and wet scrubbing machines

1 Scope

This chapter of GB/T 4706.1-2024 is replaced by the following.

This document covers the safety of electrically powered floor treatment machines and wet scrubbing machines for household and similar use.

This document applies to electric floor treatment machines and wet scrubbing machines for household and similar purposes, with a rated voltage not exceeding 250 V.

Note 101: Examples of floor treatment machines are as follows.

- Floor buffer;
- Floor polishing machine;
- Floor waxing machine.

Note 102: Examples of wet scrubbers are as follows.

- Floor scrubber;
- Carpet cleaning machine;
- Indoor cleaning machine.

Appliances not intended for normal household use but which may still be dangerous to the public, such as those used by laymen in shops, light industry and on farms Apparatus used for this purpose are also included in the scope of this document.

NOTE 103 For example, appliances used in hotels, offices, schools, hospitals or similar settings.

As far as is practical, the hazards present in the appliances covered by this document are common to all persons who may be in the home and surrounding environment.

You will encounter it.

However, in general, this document does not consider.

- The following groups (including children).
 - due to physical, sensory or mental impairment; or - Due to lack of experience and knowledge Circumstances that render them unable to use the equipment safely without supervision or instruction;
- Condition of children's play equipment.

Note 104: Pay attention to the following.

- For equipment intended for use in vehicles, ships or aircraft, additional requirements may be required;
- National authorities may impose additional requirements on equipment.