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

GB/T 4706.122-2024

**Safety of household and similar electrical appliances - Part 122:
Particular requirements for furniture with electrically motorized
parts**

(English Translation)

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Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and Definitions
4 General requirements
5 General conditions for testing
6 Categories
7 Signs and instructions
8 Protection against contact with live parts
9 Starting of electric appliances
10 Input power and current
11 Fever
12 Empty Chapter
13 Leakage current and electrical strength at operating temperature
14 Transient overvoltage
15 Moisture resistance
16 Leakage current and electrical strength
17 Overload protection of transformers and related circuits
18 Durability
19 Abnormal working conditions
20 Stability and mechanical hazards
21 Mechanical Strength
22 Structure
23 Internal wiring
24 Components
25 Power connection and external flexible cord
26 Terminal block for external conductor
27 Grounding measures
28 Screws and connections
29 Clearances, creepage distances and solid insulation
30 Heat and flame resistance

31 Rust prevention

32 Radiation, toxicity and similar hazards

Appendix

Appendix R (Normative) Software Evaluation

References

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 is required.

This document is Part 122 of GB/T 4706 "Safety of Household and Similar Electrical Appliances". GB/T 4706 has been published for the following part.

--Part 1: General requirements;

-- Part 2: Particular requirements for electric irons;

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

-- Part 122: Particular requirements for furniture with electrically operated parts.

This document is equivalent to IEC 60335-2-116:2019 "Safety of Household and Similar Electrical Appliances Part 2-116. Electrical Equipment with Motorized Parts "Particular requirements for furniture with individual pieces".

The following minimal editorial changes were made to this document.

--To enhance the coordination of the standard system, the name of the standard is changed to "Safety of Household and Similar Electrical Appliances Part 122: Electrical Equipment with Particular requirements for furniture with electric components.

Introduction

GB/T 4706 "Safety of Household and Similar Electrical Appliances" mostly adopts 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 that the equipment needs to have against electrical, mechanical, thermal, fire and radiation risks when it is used normally according to 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 appliance.

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 the corresponding clauses in GB/T 4706.1-2024 are applicable to this document; the part marked "replaces" in this document indicates that the corresponding clauses in GB/T 4706.1-2024 are applicable to this document.

For the parts marked as "added" in this document, in addition to complying with the provisions in GB/T 4706.1-2024, in addition to the corresponding clauses, the clauses added in the clauses of this document must also be complied with; the part of this document marked "modified" means that in GB/T 4706.1-the relevant provisions of 2024 shall be amended.

Safety of household and similar electrical appliances Part 122.

Special requirements for furniture with electric parts

1 Scope

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

This document specifies the safety requirements for furniture with electrically operated parts for household and similar purposes.

This document applies to furniture with electrical parts for household and similar purposes with a rated voltage not exceeding 250 V.

Furniture with electric parts which is not intended for normal household use but may still cause danger to the public, for example, intended for use in shops, offices, hotels Furniture used by non-professionals in shops, restaurants, cinemas, hospitals, schools, light industry and farms also falls within the scope of this document.

Note 101: Examples of furniture with motorised components.

- Electrically operated/electrically height-adjustable tables and desks;
- electrically operated/electrically adjustable stands and wall attachments, e.g. stands and wall attachments for televisions and monitors;
- Power-operated/power-adjustable seats;
- Beds equipped with ventilators and filters;
- Electrically operated/electrically adjustable beds;
- electrically operated/electrically adjustable storage units, including kitchen storage units;
- electrically operated/electrically adjustable furniture intended to be fixed to the wall or ceiling;
- Electric extension units (drawers and doors);
- Electric furniture for checkout in hotels and shops;
- Furniture delivered in component form (ready to be assembled or disassembled).

The reasonably foreseeable hazards of furniture with powered parts covered by this document are those that all people will encounter.

Specifically, this document does not consider.

- People who, because of reduced physical, sensory or mental capabilities or lack of experience and knowledge, are unable to Situations where furniture containing electrical appliances, parts or components cannot be used safely;
- Children playing with furniture with motorised parts.

Note 102: Pay attention to the following.

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

Note 103: This document does not apply to.

- Furniture with heating elements;