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

GB/T 4706.2-2024

Replacing GB 4706.2-2007

**Safety of household and similar electrical appliances - Part 2:
Particular requirements for electric irons
(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 Markings and instructions	
8 Protection against contact with live parts	
9 Starting of electrical 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	
20 Stability and mechanical hazards	
21 Mechanical strength	
22 Structure	
23 Internal wiring	
24 Components	
25 Power connection and external cord	
26 Terminals for external conductors	
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

Reference

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 2 of GB/T 4706 "Safety of Household and Similar Electrical Appliances". GB/T 4706 has been published in the following parts.

- Part 1: General requirements;
- Part 2: Particular requirements for electric irons;
- Part 121: Particular requirements for professional ice cream machines.

This document replaces GB 4706.2-2007 "Particular requirements for safety of household and similar electrical appliances - electric irons" and is compatible with GB 4706.2-2007, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the provisions on the groups not covered by this document (see Chapter 1, Chapter 1 of the 2007 edition);
- Change some "notes" to the main text (see 5.2, 24.4, 25.5, 25.14, 5.2, 24.4, 25.5, 25.14 of the 2007 edition);
- Changed the instructions for steam irons (see 7.12, 7.12 of the 2007 edition);
- Added requirements for the hand-held part of the iron (see 21.102);
- Added the hydraulic test requirements for hoses subjected to the internal pressure of the evaporator (see 22.7);
- Change the description of water tank to evaporator (see 22.103, 22.103 of the 2007 edition);
- Changed the structure and test requirements of cordless irons (see 22.106, 22.106 of the 2007 edition);
- Added requirements for pressure steam irons containing more than one evaporator (see 22.107);

--- Deleted the requirements for the use of polyvinyl chloride sheathed cords (see 25.7 of the 2007 edition);

--- Changed the applicability of handheld devices (see 30.2.2, 30.2.2 of the 2007 edition).

This document is equivalent to IEC 60335-2-3:2015 "Safety of Household and Similar Electrical Appliances Part 2-3. Particular Requirements for Electric Irons" beg".

The following minimal editorial changes were made to this document.

--- Change the name of the standard to "Safety of Household and Similar Electrical Appliances Part 2: Particular Requirements for Electric Irons" and strengthen the standard system coordination.

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 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 GB/T 4706.1-2024, the provisions in this document shall prevail.

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 will be modified.

Safety of household and similar electrical appliances Part 2: Particular requirements for electric irons

1 Scope

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

This document specifies the safety requirements for dry-type electric irons and steam irons for household and similar purposes, including those with a capacity not exceeding Safety requirements for steam irons with a 5L detachable water tank or evaporator.

This document applies to dry-type electric irons and steam irons for household and similar purposes with a rated voltage not exceeding 250V.

Appliances not intended for normal household use but which may still be dangerous to the public, such as those used by lay persons in shops, light industrial premises and on farms Electric irons used by personnel also fall within the scope of this document.

This document deals with common hazards arising from appliances which are encountered by all persons in and around the home. However, this document does not generally consider the following situation.

--- The following groups of people (including children) cannot use the appliance safely without supervision or guidance.

- due to physical, sensory or mental impairment; or - Due to lack of experience and knowledge.

--- Children's play equipment.

Note 101: Note the following facts.

--- For equipment intended for use in vehicles, ships or aircraft, additional requirements may be required;