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

GB/T 4706.107-2024

Replacing GB 4706.107-2012

**Safety of household and similar electrical appliances-Part 107:
Particular requirements for integrated kitchen appliances**

家用和类似用途电器的安全 第107部分：整体厨房器具的特殊要求

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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 107 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 4706.107-2012 "Particular requirements for safety of integrated kitchen appliances for household and similar electrical appliances" and Compared with GB 4706.107-2012, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The user groups not considered in this document have been changed (see Chapter 1, Chapter 1 of the 2012 edition);
- b) Added the definition of normal operation (see 3.1.9);
- c) The definition of integrated kitchen appliances has been changed (see 3.101, 3.101 of the 2012 edition);
- d) Added general test conditions (see 5.1 and 5.9);
- e) Added warnings in the instructions for use (see 7.12 and 7.12.1);
- f) Conversion of any single appliance into a replaceable functional unit (see 8.1, Chapter 8 of the 2012 edition);
- g) Increased moisture resistance requirements (see 15.101);
- h) Changed the installation method for abnormal operation (see 19.1, 19.1 of the 2012 edition);
- i) Added structural requirements for equipment oil system and oil collection device (see 22.108);

- j) Added the structural requirement that multiple sockets should not be used to provide power to functional units (see 22.109);
- k) Added structural requirements to prevent open flames from entering the flue (see 22.110);
- l) The requirements for internal wiring have been changed (see 23.101, 2012 edition 23.101);
- m) The requirements for power cords have been deleted (see 25.101 of the 2012 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by China Light Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Household Electrical Appliances (SAC/TC46).

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2012 as GB 4706.107-2012;
- This is the first revision.

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 The corresponding clauses of GB/T 4706.1-2024 shall be modified.