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

GB/T 4706.97-2024

Replacing GB 4706.97-2008

**Safety of household and similar electrical appliances - Part 97:
Particular requirements for electrical animal-stunning
equipment**

(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 97 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 4706.97-2008 "Particular requirements for safety electric shock equipment for household and similar electrical appliances" and Compared with GB 4706.97-2008, in addition to editorial changes, the main technical changes are as follows.

a) Added some content on signs and instructions (see Chapter 7);

b) Added Appendix S.

This document is equivalent to IEC 60335-2-87:2018 "Safety of Household and Similar Electrical Appliances Part 2-87. Animal Electric Shock Equipment" Special Requirements for the following minimal editorial changes were made to this document.

--- The name of the document was changed to "Safety of Household and Similar Electrical Appliances Part 97: Particular Requirements for Equipment for Electric Shocking Animals", and the standard was strengthened.

Coordination of the quasi-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. GB/T 4706 consists of several parts.

The first part is general requirements, and the other parts are special requirements. For products covered by special requirements, their safety requirements are the same as general requirements.

The special requirements are used in conjunction with the general requirements, which include supplements and modifications to the corresponding clauses in the general requirements to provide Complete product requirements.

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

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 respective functions as long as it is reasonable.

For each function of the appliance, if applicable, the effect of one function on other functions shall be considered.

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 97: Particular requirements for equipment for electroshock of animals

1 Scope

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

This document specifies the safety requirements for electric shock equipment for household and similar purposes.

This document applies to electric shock devices for household and similar purposes with a single-phase rated voltage not exceeding 250V and other rated voltages not exceeding 480V.

Animal equipment.

NOTE 101 Battery-driven appliances and other DC-powered appliances are within the scope of this document.

When powered, it is considered a battery-powered device.

This also applies to electric shock equipment intended for use in industry, shops, farms or other areas where there may be a risk to public safety.

document.

This document deals with common hazards that may be encountered when using this type of equipment.

NOTE 102 Equipment for electroshock of animals within the scope of this document includes devices used to electroshock the following animals.

- Bovine species, such as cattle, calves, cows, heifers and bulls;
- Ovis, such as sheep and lambs;
- Male goats, such as goats;
- Cervidae, such as deer;
- Perissodactyls, such as horses, donkeys, and mules;
- Birds, such as chickens, turkeys, guinea fowl;
- Pigs, such as pigs;
- Fur animals, such as fox, chinchilla, hare, opossum;
- Sables, such as martens and minks;
- Ruminants, such as camels.

NOTE 103 The following animal electroshock devices are also included in the scope of this document.

Manual, semi-automatic and fully automatic equipment.