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

GB/T 4706.119-2024

**Safety of household and similar electrical appliances - Part 119:
Particular requirements for cosmetic and beauty care
appliances incorporating lasers and intense light sources
(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 119 of GB/T 4706. 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 is equivalent to IEC 60335-2-113:2016 "Household and similar electrical appliances - Safety - Part 2-113. Electrical appliances containing lasers or Particular requirements for make-up and beauty care appliances using strong light sources (ILS).

The following minimal editorial changes were made to this document.

--- The name of the standard is changed to "Safety of Household and Similar Electrical Appliances Part 119: Cosmetic Appliances Containing Lasers or Intense Light Sources (ILS) and special requirements for beauty care appliances" 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 119.

Makeup and products containing lasers or intense light sources (ILS) Special requirements for beauty care appliances

1 Scope

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

This document covers devices with a rated voltage not exceeding 250V, whose operation depends on contact with the skin, for household and similar use, containing lasers or strong light sources Safety of makeup and beauty care appliances.

NOTE 101 Battery-operated appliances and other DC-powered appliances are within the scope of

this document. Dual-supply appliances (either powered by the mains or by a battery) when operated in battery mode, it is considered to be a battery-powered appliance.

This document covers appliances with a luminous surface less than 25 cm². Appliances with a luminous surface equal to or greater than 25 cm² are covered by IEC 60335-2-27. within the range.

Appliances that are not intended for general household use but may still cause danger to the public, such as appliances intended for use in beauty salons and similar places, are also within the scope of this document.

The instruments covered by this document include but are not limited to.

---Appliances for controlling hair growth;

---Skin and beauty care appliances containing lasers or intense light sources (ILS).

NOTE 102 Devices containing lasers or strong light sources are used to produce thermal effects by heating hair follicles or skin tissue or to produce light at specific wavelengths.

Biological effects.

As far as is practical, the common hazards presented by the various appliances covered by this document are those that are present in the home and its surroundings.

Might be encountered.

However, in general this document does not cover.

---The following groups (including children).

- due to a physical, sensory or mental impairment, or - Due to lack of experience and knowledge, Situations where the appliance cannot be used safely without supervision or instruction.

--- Condition of children's play equipment.

NOTE 103: Note the following. In many countries, additional requirements are prescribed by national health care authorities.

Note 104: This document does not apply to.

--- Appliances for medical purposes (IEC 60601);

--- Appliances for skin and hair care (IEC 60335-2-23);

---Nail hardening devices;

--- Appliances in which the skin is exposed to optical radiation having a luminous surface greater than or equal to 25 cm² (IEC 60335-2-27).