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

GB 4706.108-2012

**Household and similar electrical appliances -- Safety --
Particular requirements for heated carpets and for heating units
for room heating installed under removable floor coverings**

家用和类似用途电器的安全 第2部分：电热地毯和安装在可移动地板覆盖物下方的
用于加热房间的电热装置的特殊要求

(English Translation)

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Foreword

All technical contents of this section is mandatory.

GB 4706 "and similar household electrical appliances," it consists of several components,
Part 1 General Requirements for the other parts of special

Claim.

This section is part of the 108 GB 4706.

This section drafted in accordance with the rules GB/T 1.1-2009 given.

This section is equivalent to using IEC 60335-2-106.2007 "Household and similar electrical
appliances - Safety - Part 2-106. electric carpet and

Installation beneath thereof covering the special requirements for the electric heating
means for heating the room in the movable floor. "

This section should GB 4706.1-2005. with "safe 1 Household and similar electrical
appliances General requirements."

This section is formed by addition or modification of GB 4706.1, stated "applicable" section,
showing the corresponding provisions apply GB 4706.1

In this section; stated part, places the provisions of this section "instead of" main; write
"Edit" section, corresponding provision represents 4706.1 GB

The content - the contents of this section after the modification, and the other of the
provision is still applicable; states "addition" part, showing in addition

To comply with the corresponding provision of GB 4706.1, this section shall comply with the provisions of the increased.

This section following editorial changes made to IEC 60335-2-106.

A) "Part 1" be replaced by "GB 4706.1";

b) with a decimal point "." instead of as the decimal comma "."

GB 4706.1 terms of increased numbered starting from 101.

Consistency correspondence between the international normative documents referenced in this section of the following documents.

--- GB/T 2099.1-2008 plug and socket for household and similar purposes - Part 1. General requirements (IEC 60884-1:2002, MOD).

This section was proposed by China Light Industry Federation.

This part of the jurisdiction of the National Standardization Technical Committee appliances (SAC/TC46).

This part of the drafting units. China Electric Apparatus Research Institute, Anhui Anze Electrical Co., Ltd., Chengdu Rainbow Electric (Group) Company Limited

Division, Guizhou electropositive warm color Technology Co., Ltd., Jilin Province Product Quality Supervision and Inspection Center, Guangzhou Institute of CVC detection technology.

Introduction

It has been assumed in the drafting of this section, a person appropriately qualified and experienced to implement the provisions of this section.

This portion is recognized that the use of household electrical appliances and the like under normal conditions noted when the manufacturer's instructions for the appliance

A dangerous international acceptable level of electrical protection, mechanical, thermal, radiation and fire. It also includes the possible use expected

Abnormal circumstances, and taking into account electromagnetic interference affect the way for the safe operation of the appliance.

In developing the present section has been considered as the requirements of GB 16895 in order that the electrical appliance when connected to the grid

It requires wiring rules harmonization.

If a number of functions involving other appliances special standards GB 4706, and as far

as is reasonable in the circumstances, the relevant

Special requirements of the standard to be applied to each function separately. If applicable, taking into account the influence of one function to other functions.

If no additional requirements - Part 2 Part 1 to cover the risk mentioned in Part 1 apply.

Note 1: The meaning here is the focal point responsible for the second part of the standard technical committee has decided. it's the equipment, in addition to general requirements, it is not necessary regulations

special requirements.

This part is a matter of security appliance product family standards, and standards covering at the same level as in the same category and the same subject

In priority.

Note 2: As in the development of IEC 60335 series of standards of general and special requirements of this factor has been considered dangerous, so dangerous and cover the same level

Standard in the same category do not apply. For example. the surface temperature requirements of many appliances, except for Part 1 or Part 2 standard, the same type of

Standards such as ISO 13732-1 standard applicable to hot surfaces do not apply.

An appliance that complies text of this section, when examined and tested, found to have other features that will be covered by the requirements of this damage

And when the level of security, it will not be considered to comply with the safety guidelines in this section.

When the material form and product structures other than specified in this part, then the product is intended to be in accordance with those requirements into

Line inspection and testing. If found to be substantially equivalent, may be sentenced them to comply with the safety principles in this section.

Household and similar electrical appliances - Safety

Electric carpet and mounted on a movable floor

Under the covering for heating room

Particular requirements for the heating apparatus

1 Scope

GB 4706.1 This chapter replaced by the following.

This section deals with the safety of the following appliances.

--- electric carpets and similar appliances;

--- intended for direct installation is movable in the room below the floor covering material, and heating means for heating a room to be used for fixing.

It means a single-phase rated voltage not exceeding 250V, the rated voltage of the other device does not exceed 480V.

101 Note. as the movable floor covering material Examples thereof include. a laminate carpet or vinyl flooring fixed combination.

102 Note. Note the following conditions.

--- In many countries, different wiring rules apply;

--- intended for use on vehicles, vessels or aircraft equipment, additional requirements may be necessary;

--- In many countries, national fire station, building a national planning department, national health authorities, the national labor protection department

And similar authorities specifies additional requirements for appliances.

103 NOTE. This does not apply to.

--- designed specifically for industrial use appliances;

--- appliance intended for use in a corrosive or explosive gases (such as dust, vapor or methane gas) locations where special conditions;

--- blankets, pads and similar flexible heating appliances (GB 4706.8);

--- heating mats warm Foot (GB 4706.80);

--- film heating system permanently bonded together with the floor of a building (GB 4706.82);

--- flexible heating element together with other appliances.

2 Normative references

GB 4706.1 of this chapter except for the following content, are applicable.

increase.

IEC 60884-1:2002 Household and similar plug and socket - Part 1. General Requirements (Plugs and socket-outlets for

household and similar purposes - Part 1. General requirements)