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

GB 4706.105-2011

**Household and similar electrical appliances -- Safety --
Particular requirements for humidifiers intended for use with
heating, ventilation, or air-conditioner systems**

(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 105 GB 4706.

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

This section is equivalent to using IEC 60335-2-88.2002 "Safety Section 2-88 and similar

household electrical appliances. with heating, ventilation,

Particular requirements for humidifiers or air-conditioning system "(2nd edition)

For ease of use, this part of the IEC 60335-2-88.2002 editorial changes made by the following.

The term --- "Part 1" to "GB 4706.1";

--- with a decimal point. "" Used in place of a decimal point "."

This appendix AA, BB appendix is normative.

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 unit. China Academy of household appliances, household appliances National Quality Supervision and Inspection Center, Shenzhen Entry-Exit Inspection and Quarantine Bureau.

1 Scope

The chapter GB 4706.1-2005 is replaced by the following.

GB 4706 specifies a part of the present Safety of household and similar purposes with a heating, ventilation or air conditioning system.

This section applies with a heating, ventilation or air-conditioning systems in residential, commercial, and light industrial applications (also comprise a large separate commercial apparatus)

Electrical humidifier, the apparatus for the atomization or evaporation systems, injection water, production of steam and run in a similar manner, the maximum single-phase rated voltage of the appliance

More than 250V; rated voltage of other appliances does not exceed 600V.

Note 1: This humidifier incorporating a covered portion of the air conditioning apparatus according to the IEC 60335-2-40.

In practical terms, this section relates generally dangerous instruments appear, and these are dangerous in the house and around the house all personnel are

You could ever meet. However, this section does not usually consider.

--- unattended young children and use for disabled persons;

--- children playing instruments situation.

Note 2: should note the following.

- ready for use in a vehicle, ship or aircraft, appliances, but also additional requirements;
- health sector, labor protection and similar authorities have also developed additional requirements.

Note 3: This does not apply to.

- specifically for household use without a room heating, ventilation or air-conditioning apparatus humidifier (see IEC 60335-2-98);
- designed specifically for industrial use appliances;
- for the appliance in special environmental conditions, such as corrosive or explosive atmosphere (dust, vapor or gas);
- humidifiers for medical purposes (see IEC 60601).

2 Normative references

Terms of the following documents constitute provisions of this section by reference in this part of GB 4706. For dated references,

All subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encouraged to reach an agreement under this section

Whether the parties to use the latest versions of these documents. Those who did not note date reference documents, the latest versions apply to this section.

GB 4706.1-2005 in this chapter except as follows, are applicable.

increase.

GB/T 2423.18-2000 Environmental testing for electric and electronic products - Part 2. Test Method Test Kb. Salt mist, cyclic (chloride

Sodium) (idt IEC 60068-2-52.1996)

GB 4706.32 similar household electrical appliances and the special requirements of heat pumps, air conditioners and dehumidifiers (GB 4706.32-

2004, IEC 60335-2-40.1995, IDT)

Particular requirements for humidifiers GB 4706.48 Household and similar electrical appliances (GB 4706.48-2009, IEC 60335-2-40.

2005, IDT)

ISO 815.1991 Determination of compression set and at low temperature high temperature vulcanized or thermoplastic rubber

3 Terms and Definitions

The following terms and definitions apply to this part of GB 4706.

GB 4706.1-2005 in this chapter except as follows, are applicable.

3.1.9 Replacement.

Work normal operation

Conditions of normal use by appliances install and run specified by the manufacturer under the most severe operating conditions located.

3.101

Humidifier humidifiers

Instrument for increasing air humidity.

3.102

Public accessible appliance appliances accessible to the general public

Placed in a residential or commercial building equipment.

3.103

Public inaccessible appliance appliances not accessible to the general public

Maintained by qualified service personnel, and placed in the engine room and similar areas, or placed high in the area of not less than 2.5m, or packed in

Appliances roof area of security.

4 General requirements

This chapter in GB 4706.1-2005 is applicable.

General conditions for 5 tests

This chapter in GB 4706.1-2005 is applicable.

Category 6

GB 4706.1-2005 in this chapter except as follows, are applicable.

6.1 Replacement.

As a class should implement I, II III class or classes of appliances.

Compliance is checked by inspection and the associated additional testing.