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NATIONAL STANDARD OF THE
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GB 4706.37-2008 / IEC 60335-2-38:2002

Replacing GB 4706.37-2003

**Household and Similar Electrical Appliances -
Safety - Particular Requirements for
Commercial Electric Griddles and Griddle Grills**
(IEC 60335-2-38:2002, IDT)

家用和类似用途电器的安全 商用单双面电热铛的特殊要求

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Foreword

All the technical contents in this Part are mandatory.

GB 4706 *Household and Similar Electrical Appliances – Safety* consists of several parts; the Part 1 belongs to General Requirements; while the other parts belong to Particular Requirements.

This Part shall be used in conjunction with GB 4706.1-2005 *Household and Similar Electrical Appliances – Safety – Part 1: General Requirements*.

This Part equivalently adopts IEC 60335-2-38:2002 *Household and Similar Electrical Appliances – Safety – Part 2: Particular Requirements for Commercial Electric Griddles and Griddle Grills*, and its Amendment 1 (Ed5.0, 2008-02)

For the benefit of use, this Part makes the following editorial modifications against the IEC 60335-2-38:

- a) Modify “Part 1” into “GB 4706.1-2005”;
- b) Use decimal point “.” to replace comma “,” serving as decimal point.

This Part replaced GB 4706.37-2003 *Safety of Household and Similar Electrical Appliances – Particular Requirements for Commercial Electric Griddles and Griddle Grills*.

The major differences between this Part and GB 4706.37-2003 are as follows:

- Add 3.104;
- Cancel the NOTE 101 in 6.2; add the requirements of “the appliance used on the desktop is at least IPX3; and the other appliances are at least IPX4”;
- Cancel 6.101;
- Add 7.12.4, 7.15;
- Add relevant contents of heating elements on the surfaces installed glass ceramic or similar materials to 13.2;
- Add 13.3;
- Add 16.1;
- Modify the limit of leakage current in 16.2; add relevant requirements for measuring leakage current of glass ceramic and similar materials;

- Add 16.3;
- Modify the relevant contents in 22.101;
- Add 29.2;
- Cancel 30.3;
- Modify the relevant contents of the burning test in 30.101.

The Annex N of this Part is normative.

This Part was proposed by China Light Industry Council.

This Part shall be under the jurisdiction of National Technical Committee for Standardization of Household Electrical Appliances (SAC/TC 46).

Drafting organizations of this Part: Beijing Service Machinery Research Institute; Yufubao Kitchenware Equipment (Shenzhen) Co., Ltd.; Beijing Huamei Cooking Machinery Co., Ltd.; Guangzhou New Yuehai West-Style Kitchen Equipment Factory; Beijing Silver Valley Electromechanical Co., Ltd.; Shanghai Haike Hotel Equipment Manufacturing Co., Ltd.; Beijing Xintongda Industrial and Trade Co., Ltd.; and Foshan Chancheng District Kangwei Electrical Appliance Factory.

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The historical editions replaced by this Standard are as follows:

- GB 4706.37-1997, GB 4706.37-2003.

Household and Similar Electrical Appliances - Safety - Particular Requirements for Commercial Electric Griddles and Griddle Grills

1 Scope

This clause of GB 4706.1-2005 is replaced by the following.

This Part of GB 4706 deals with the safety of electrically operated commercial griddles and griddle grills not intended for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.

NOTE 101: These appliances are used for example in restaurants, canteens, hospitals and commercial enterprises such as bakeries, butcheries, etc.

The electrical part of appliances making use of other forms of energy is also within the scope of this Part.

As far as is practicable, this Part deals with the common hazards presented by these types of appliances.

NOTE 102: Attention is drawn to the fact that:

- for appliances intended to be used in vehicles or on-board ships or aircraft, additional requirements may be necessary;
- in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labor, the national water supply authorities and similar authorities.

NOTE 103: This standard does not apply to:

- appliances designed exclusively for industrial purposes;
- appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas);
- continuous process appliances for the mass production of food;
- grillers and toasters (GB 4706.39);

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