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

GB 4706.30-2008

**Household and similar electrical appliances -- Safety --
Particular requirements for kitchen machines
(English Translation)**

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Foreword

All technical contents of this Part are mandatory.

GB 4706 "Household and similar electrical appliances -- Safety" consists of several parts. Part 1 is general requirements. The other parts are special requirements.

This Part should be used in conjunction with GB 4706.1-2005 "Household and similar electrical appliances -- Safety -- Part 1.General requirements".

This Part is equivalent to IEC 60335-2-14:2006 "Household and similar electrical appliances - Safety - Part 2-14.Particular requirements for kitchen machines".

For ease of use, this Part makes the following editorial changes to IEC 60335-2-14.

- a) The term "Part 1" is changed to "GB 4706.1-2005";
- b) The decimal point "." is used instead of the comma "," as a decimal point.

This Part replaces GB 4706.30-2002 "Safety of household and similar electric appliances Particular requirements for kitchen machines".

The main differences between this Part and GB 4706.30-2002 are as follows.

- The Chapter 1 Scope is modified as "Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard.

However, if the appliance is intended to be used professionally to process food for commercial consumption, the appliance is not considered to be for household and similar use only."

Add NOTE 102.

The NOTE 2 in GB 4706.30-2002 is modified as "NOTE 103 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 and similar authorities;

- Chapter 2 "Normative references" is modified as "This clause of GB 4706.1-

2005 is applicable except as follows.

Addition.

GB/T 2951.4-1997, Common test methods for insulating and sheathing material of electric cables. Part 1.Methods for general application. Section four. Test at low temperature".

- In the definitions in Chapter 3 Definitions, add the definitions for blender and cordless blender.
- 3.1.9 is modified as "normal operation. operation of the appliance under the conditions specified in 3.1.9.101 to 3.1.9.119, or at rated power input if this is more unfavorable".
- In 3.1.9.113, add "Ice-cream machines are operated with a mixture of 60% water, 30% sugar, 5% lemon juice and 5% beaten egg white by mass. The quantity of the mixture is the maximum stated in the instructions. If there is no stated maximum, the container will be filled up to the maximum capacity.
Removable elements for cooling ice cream are pre-cooled for 24 h at $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$.
For appliances cooled by ice, the cooling container is filled with ice in accordance with the instructions, 200 g of salt being added for each kg of ice.
Ice-cream machines for use in refrigerators and freezers are placed on thermal insulating material approximately 20 mm thick. They are operated without load at an ambient temperature of $-4^{\circ}\text{C} \pm 1^{\circ}\text{C}$. "
- In 3.102, add "NOTE 2 Choppers are considered to be food processors."
- Add 6.1 "Hand-held kitchen machines shall be class II or class III. However, they may be class 0 or class I if their rated voltage does not exceed 150 V. "
- In 7.1, add "Stands provided with cordless blenders shall be marked with
- the name, trademark or identification mark of the manufacturer or responsible vendor;
- the model or type reference."

- in 7.12, add "The instructions for hand-held blenders shall include the substance of the following.

- always disconnect the blender from the supply if it is left unattended and before assembling, disassembling or cleaning;
- do not allow children to use the blender without supervision.

The instructions for centrifugal juicers shall include the substance of the following.

Do not use the appliance if the rotating sieve is damaged.

Household and similar electrical appliances - Safety -

Particular requirements for kitchen machines

1 Scope

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

This Part deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V.

NOTE 101 Examples of appliances that are within the scope of this standard are

- bean slicers;
- berry-juice extractors;
- blenders;
- can openers;
- centrifugal juicers;
- churns;
- citrus-fruit squeezers;
- coffee mills not exceeding 500 g hopper capacity;
- cream whippers;
- egg beaters;
- food mixers;
- food processors;
- grain grinders not exceeding 3 L hopper capacity;