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

GB/T 38051.2-2019

**Household electric cooking appliances -- Part 2: Hobs --
Methods for measuring performance**

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Foreword

GB/T 38051 "Household Cooking Appliances" is divided into the following sections.

--- Part 1. Test methods for performance of electric cookers, ovens, steam ovens and grills;

--- Part 2. Stove performance test method.

This part is the second part of GB/T 38051.

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

This section uses the translation method equivalent to IEC 60350-2:2017 "Household Cooking Appliances Part 2. Stove Performance Test Method".

The documents of our country that have a consistent correspondence with the international documents cited in this part of the norm are as follows.

---GB/T 16895.3-2017 Low-voltage electrical installations - Part 5-54. Selection and installation of electrical equipment

Protective conductor (IEC 60364-5-54:2011, IDT)

1 Scope

This part of GB/T 38051 specifies the performance test method for household electric cooktops.

The appliances covered in this section can be built in or placed on a work surface. The cooktop can also be part of a cooktop.

This section does not apply to portable appliances for cooking, barbecue and other similar functions (see IEC 61817).

This section specifies the main performance characteristics of the hobs that the user is interested in and specifies the measurement methods for these performance characteristics.

This section does not specify a classification or ranking of performance.

Note 1. Due to different conditions between laboratories, some of the tests specified in this section are not considered reproducible test data and are only applicable to comparative tests.

Note 2. This section does not address safety requirements (IEC 60335-2-6 and IEC 60335-2-9).

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 35758-2017 Household appliance standby power measurement method (IEC 62301.2011, IDT)

IEC 60364-5-54 Low-voltage electrical installations - Part 5-54. Selection and installation of electrical equipment

(Low-voltage electrical installations - Part 5-54. Selection and erection of electrical equipment - Earthing arrangements and protective conductors)

ISO 80000-1.2009 Quantity and units Part 1. General (Quantities and units - Part 1. General)

3 Terms and definitions

The following terms and definitions apply to this document.

ISO and IEC official terminology database addresses for standardized use.

3.1

Electric cooker cooking range

An appliance having a cooktop and at least one oven and containing a grill.

Note. The performance test method for ovens is described in IEC 60350-1.

3.2

Stove hob

A part of an appliance or appliance with a control unit containing one or more cooking zones and/or cooking zones.

Note 1. The cooktop can also be called a stove.

Note 2. The control unit can be included in the cooktop or integrated in the microwave.

3.3

Cooking area cookingzone

The surface of the cooktop is used to place and heat the pan, with a defined surface or an area attached to the surface.

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