



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

GB/T 4214.4-2020

**Test method for noise of household and similar electrical
appliances--Particular requirements for washing machines and
spin extractors**

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Foreword

GB/T 4214 "Test method for noise of household and similar electrical appliances" is divided into 7 parts.

- Part 1.General requirements;
- Part 2.Particular requirements for vacuum cleaners;
- Part 3.Particular requirements for dishwashers;
- Part 4.Particular requirements for washing machines and spin extractors;
- Part 5.Particular requirements for electric shavers;
- Part 6.Particular requirements for electric hair care appliances;
- Part 7.Particular requirements for tumble dryers.

This Part is Part 4 of GB/T 4214.This Part is used in conjunction with GB/T 4214.1-2017.

The portion where this Part states "Application" indicates that the corresponding provisions in GB/T 4214.1-2017 apply to this Part. For the portion where this

Part states "Replacement", the provisions in this Part shall prevail. The portion where this Part states "Addition" means that, in addition to complying with the corresponding provisions in GB/T 4214.1-2017, the subclauses added in the provisions of this Part shall also be complied with.

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

This Part replaces GB/T 4214.4-2008 "Household and similar electrical appliances - Test code for determination of airborne acoustical noise - Particular requirements for washing machines and spin extractors". Compared with GB/T 4214.4-2008, in addition to editorial changes, the main technical changes are as follows.

- ADD measurement uncertainty and standard deviation (see 1.3 and 1.101);
- Modify the definition of standard test load and standard test programme (see Clause 3; Clause 3 of the 2008 edition);
- Modify the test enclosure as the test enclosure specified in GB/T 4214.1-

2017 (see 6.5.5; 6.5.5 of the 2008 edition);

- Modify the information to be reported (see Clause 10; Clause 10 of the 2008 edition).

This Part, using translation method, is identical to IEC 60704-2-4:2011

"Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-4. Particular requirements for washing machines and spin extractors".

This Part has made the following editorial change.

- In order to unify the name of this series of standards, change the name of this Part to "Test method for noise of household and similar electrical appliances - Particular requirements for washing machines and spin extractors".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing authority of this document shall

not be held responsible for identifying any or all such patent rights.

This Part was proposed by China National Light Industry Council.

This Part shall be under the jurisdiction of National Standardization Technical Committees on Household Electric Appliances (SAC/TC 46).

Drafting organizations of this Part. China Household Electric Appliance Research Institute, Qingdao Haier Roller Washing Machine Co., Ltd., National Household Appliance Quality Supervision and Inspection Center, BSH Electrical Appliances (Jiangsu) Co., Ltd., Changhong Meiling Co., Ltd., Hefei Midea Washing Machine Co., Ltd., Panasonic Home Appliances R&D Center (Hangzhou) Co., Ltd., Whirlpool (China) Co., Ltd.

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The previous editions of the standard replaced by this Part were released as follows.

- GB/T 4214.4-2008.

Test method for noise of household and similar electrical appliances - Particular requirements for washing machines and spin extractors

1 Scope and object

This clause of GB/T 4214.1-2017 is applicable except as follows.

1.1.1 General

Addition.

This Part of GB/T 4214 apply to single unit electrical washing machines and the washing and spinning function of combined appliances for household and similar use and to spin extractors for household and similar use.

Note 101. For test method for drying function, see GB/T 4214.7.

1.1.2 Types of noise

Replacement.

The methods specified in GB/T 6881.2, GB/T 6881.3 and ISO 3744 can be used for measuring noise emitted by washing machines and spin extractors.

1.1.3 Size of the source

Replacement.

The method specified in ISO 3744 is applicable to noise sources of any size. When applying GB/T 6881.2 and GB/T 6881.3, care should be taken that the maximum size of the washing machine or spin extractor under test fulfils the requirements specified in 1.3 of GB/T 6881.2 and GB/T 6881.3.

1.2 Object

Addition.

Requirements for the declaration of noise emission values are not within the scope of this Part.

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