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NATIONAL STANDARD OF THE
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GB 25502-2017

Replacing GB 25502-2010

**Minimum allowable values of water efficiency and
water efficiency grades for water closets**

坐便器水效限定值及水效等级

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB 25502-2010 "Minimum allowable values of water efficiency and water efficiency grades for water closets". Compared with GB 25502-2010, the main technical changes in this Standard are as follows:

- added the term and definition for average water consumption of water closet;
- modified the calculation formula for average water consumption in 4.2 of GB 25502-2010 according to GB 6952;
- modified the water efficiency in Clause 4.

This Standard was proposed by National Development and Reform Commission, Ministry of Water Resources.

This Standard shall be under the jurisdiction of Subcommittee on Water Efficiency of Water Products and Appliances of National Technical Committee on Industrial Water Saving of Standardization Administration of China (SAC/TC 410).

The drafting organizations of this Standard: China National Institute of Standardization, Anhui Product Quality Supervision and Inspection Institute, Yiyuan (Shanghai) Energy Conservation and Environmental Protection Technology Co., Ltd., China Building Materials Inspection and Certification Group (Shaanxi) Co., Ltd., Jiumu Kitchen and Bath Co., Ltd., Huida Sanitary Ware Co., Ltd., Luda (Xiamen) Industrial Co., Ltd., Foshan Shunde District Lehua Ceramic Sanitary Ware Co., Ltd., Foshan Fa'en Sanitary Ware Co., Ltd., Liaoning Supor Ceramics Industry Co., Ltd., Xinle Sanitary Ware (Foshan) Co., Ltd., Roca (China) Co., Ltd. Company, Guangdong Anbi Technology Co., Ltd., Guangdong Rongxin Sanitary Ware Industry Co., Ltd., Guangdong Kangna Sanitary Ware Technology Co., Ltd., Chaozhou Muye Ceramic Products Co., Ltd., Anhui Xueyu Sanitary Ware Co., Ltd., Xiamen Anbaili Plastic Co., Ltd., Henan Lang Di Porcelain Industry Co., Ltd., Changge Donghong Ceramic Products Co., Ltd., Changge Yuandong Ceramics Co., Ltd., Zhejiang Surda Sanitary Ware Co., Ltd., Zhejiang Jinbo Fluid Control Co., Ltd., Zhejiang Gaobo Sanitary Ware Co., Ltd., Mingdun Co., Ltd. Company, Yuhuan Jinlong Ouyu Sanitary Ware Co., Ltd.

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Minimum allowable values of water efficiency and water efficiency grades for water closets

1 Scope

This Standard specifies the minimum allowable values of water efficiency, water saving evaluation values, water efficiency grades and test methods for water closets.

This Standard is applicable to the water efficiency evaluation of all types of water closets installed on cool water pipelines in building facilities and the water supply pressure is not greater than 0.6MPa.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB 6952 *Sanitary wares*

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB 6952 as well as the followings apply.

3.1 average water consumption of water closet

The water consumption of the water closet which is measured and calculated according to the test method and calculation formula stipulated by the standard.

3.2 minimum allowable values of water efficiency for water closet

The maximum water consumption allowed for the water closet, under the test conditions stipulated by the standard, when it meets the general technical requirements, flushing function requirements, and supporting technical requirements.

NOTE: The water consumption of a single flush water closet refers to its average water consumption. The water consumption of a double flush water closet includes the average

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