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

GB/T 35603-2024

Replacing GB/T 35603-2017

Green product assessment - Sanitary wares

绿色产品评价 卫生陶瓷

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Assessment requirements

5 Evaluation method

Annex A (Nominative) Method for calculating indicators

Annex B (Informative) Example of report on carbon footprint of sanitary ware products

Bibliography

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. This document replaces GB/T 35603-2017 "Green Product Evaluation of Sanitary Ceramics". Compared with GB/T 35603-2017, In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope has been changed (see Chapter 1, Chapter 1 of the.2017 edition);
- b) Deleted the definitions of "unit product comprehensive energy consumption", "environmental product declaration" and "carbon footprint" (see 3.1, 3.2, 3.3);
- c) The requirement of "product classification" has been deleted (see Chapter 4 of the.2017 edition);
- d) The requirements for "Product Packaging" have been changed (see 4.1.1.1, Table 1 of the.2017 edition);
- e) Added the requirements for "main packaging materials" (see 4.1.1.1);
- f) The requirement of "conducting green supply chain management" has been deleted (see 5.1.1.1 of the.2017 version);
- g) Changed the requirements for "clean energy" (see 4.1.1.2, 5.1.1.2 of the.2017 edition);

h) Changed the requirements for "advanced technology and processes" (see 4.1.1.2, 5.1.1.2 of the 2017 edition);

i) Added "integrated intelligent toilet" and related requirements (see 4.1.2, 4.2.2);

1 Scope

GB/T 35603-2024 is the Chinese green product assessment standard for sanitary ceramics: WCs, basins, urinals and squatting pans. It belongs to the series behind the national green product mark, and for this category the environmental question is unusually concentrated in one number, the water used per flush, since a WC installed today will flush tens of thousands of times. The standard sets the assessment framework and the basic requirements on the producer, then the evaluation indicators covering the resource attributes including the water consumption of the product and the raw material and energy used to make it, the energy attributes of the firing process, the environmental attributes covering the emissions and the waste from production and the radioactivity and the harmful substances in the glaze, and the quality attributes covering the flushing performance, the surface quality and the durability, each with its limit and its verification method, together with the assessment rules and the evidence required. The 2024 edition replaces GB/T 35603-2017.

This document specifies the evaluation requirements for green sanitary ceramic products and describes the evaluation methods. This document applies to green products for sanitary ceramics, including toilets, integrated smart toilets, squat toilets, urinals and washbasins. Product evaluation.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 2589 General rules for comprehensive energy consumption calculation

GB 6566 Limits of radionuclides in building materials

GB/T 6952 Sanitary Ceramics

GB/T 9195 Classification and terminology of building sanitary ceramics

GB 12348 Environmental noise emission standard for industrial enterprises

GB 17167 General rules for the allocation and management of energy metering instruments in energy-consuming units

GB/T 19001 Quality Management System Requirements

GB 21252 Energy consumption limits per unit product for building sanitary ceramics and wear-resistant alumina balls

GB/T 23331 Energy Management System Requirements and Usage Guide

GB/T 23448 Sanitary ware hose

GB/T 24001 Environmental Management System Requirements and Usage Guide

GB/T 24256 General Principles for Product Ecodesign

GB/T 24789 General rules for the allocation and management of water metering instruments in water-using units