

ICS 91.140.70

CCS Q 31



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

GB 25502-2024

Replacing GB 25502-2017

**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

Issued on: October 28, 2024

Implemented on: May 01, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the People's Republic of China.**

Table of Contents

FOREWORD	2
1 SCOPE.....	4
2 NORMATIVE REFERENCES.....	4
3 TERMS AND DEFINITIONS	4
4 WATER EFFICIENCY GRADES FOR WATER CLOSETS.....	5
5 TECHNICAL REQUIREMENTS	5
6 TEST METHODS	7
7 TEST DEVICE.....	17

Foreword

This document was drafted in accordance with the rules provided in GB/T 1.1-2020 *Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents*.

This document replaces GB 25502-2017, *Minimum allowable values of water efficiency and water efficiency grades for water closets*. Compared with GB 25502-2017, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Change the Scope (see Chapter 1; Chapter 1 of the 2017 edition);
- b) Modify the term and definition of “minimum allowable values of water efficiency for water closet” (see 3.1; 3.2 of the 2017 edition);
- c) Delete the terms and definitions of “average water consumption of water closet” and “minimum allowable values of water efficiency for water closet” (see 3.1 and 3.3 of the 2017 edition);
- d) Change the water efficiency grades of water closets (see Chapter 4; 4.2 of the 2017 edition);
- e) Change the requirements for the minimum allowable values of water efficiency for water closet (see 5.2; 4.3 of the 2017 edition);
- f) Change the technical requirements (see Chapter 5; Chapter 4 of the 2017 edition);
- g) Change the test methods (see Chapter 6; Chapter 5 of the 2017 edition);
- h) Add test device (see Chapter 7);
- i) Add schematic diagrams of the test device (see Appendix A);
- j) Add discharge function test medium acceptance procedure (see Appendix B).

Please note that some of the contents of this document may involve patents. The issuing organization of this document is not responsible for identifying patents.

This document shall be under the jurisdiction of Standardization Administration of the People's Republic of China.

The previous versions of this document and the documents which are replaced by this document are as follows:

- First published in 2011 as GB 25502-2010, and first revised in 2017;
- This is the second revision.

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

1 Scope

This document specifies the water efficiency grades, technical requirements, test methods and test equipment for water closets.

This document applies to water closets installed on cold water pipes in building facilities, which use water as the main flushing medium, have water sealing function and do not have warm water cleaning function.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the version corresponding to that date is applicable to this document; for undated references, the latest version (including all amendments) is applicable to this document.

GB/T 6952, Sanitary wares

GB/T 8170, Rules of rounding off for numerical values & expression and judgment of limiting values

GB/T 9195, Terms and classification of building and sanitary ceramics

GB/T 20810, Toilet tissue paper (including toilet tissue base paper)

GB 28379, Minimum allowable values of water efficiency and water efficiency grades for flush valves of plumbing fixtures

3 Terms and definitions

For the purpose of this document, terms and definitions given in GB/T 6952, GB/T 9195, GB 28379, as well as the following apply.

3.1

minimum allowable values of water efficiency for water closet

The maximum flushing water consumption allowed under specified test conditions for a water closet that complies with the explicit product standards.