

ICS 91.140.70

CCS Q31



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

GB/T 6952-2015

Sanitary wares

卫生陶瓷

Issued on: September 11, 2015

Implemented on: October 1, 2016

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

Table of Contents

1	Scope
2	Normative references
3	Terms and definitions...
4	Product classification and marking...
5	General technical requirements...
5.8	Technical requirements for matching
5.8.1	Matching requirements of pan and urinal
5.8.2	Water supply fittings and drainage fittings
6	Technical requirements for pan and urinal
6.1	Size requirements
6.1.1	Installation distance of sewage draining exit of pedestal pan
6.1.6	Seat of pedestal pan
6.2.3	Urinal function
6.2.4	Flushing function of squatting pan
7	Technical requirements for lavatory, bidet, sink...
8	Test method...
8.3	Dimensions
8.3.3	Dimensions
8.3.4	Hole size
8.3.5	Water seal
8.8	Function test of pan and urinal
8.8.1	Functional test device
9	Inspection rules...
10	Signs and markings...
11	Installation and operation manual...

1 Scope

China's national standard for sanitary ware. China manufactures most of the world's ceramic sanitary ware, and this is the document that governs it. The requirements that matter are not the ones a buyer notices in a showroom. A WC pan is a hydraulic device whose flush must clear its contents and re-seal its trap with a defined volume of water, and the whole of modern water conservation rests on that performance - a pan that needs two

flushes at four litres uses more than one that works at six. The ceramic body must be vitrified enough to be impervious, since a porous body absorbs water and stains permanently, and the glaze must survive cleaning agents for decades. And the installation dimensions have to match the drainage they will meet. The standard specifies the terms and definitions, product classification and marking, general technical requirements, specific requirements for pans and urinals and for lavatories, bidets and sinks, test methods, inspection rules, marking, installation and use instructions, packaging, transport and storage.

This standard specifies the terms and definitions, product classification and marking, general technical requirements, technical requirements for Pan and urinal, technical requirements for lavatory, bidet, sink, test methods, inspection rules, signs and markings, instruction manual for installation and use, packaging, transportation, storage of sanitary ware. This standard is applicable to the production, sales, installation, use of various sanitary ware products, which are installed on water supply and drainage pipelines, after being matched with various corresponding accessories, in civil or public buildings.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this standard.

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1. Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 3768 Acoustics - Determination of sound power levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting surface

GB/T 9195 Classification and terms of building and sanitary ceramics

GB 20810 Bathroom tissue (including bathroom tissue base paper)

GB/T 23131 Electronical pedestal pans

GB/T 23448 Flexible hose for sanitary tapware

GB 26730-2011 Sanitary ware - Gravity water flushing devices and supports

GB/T 26750 Sanitary ware - Pressure assistant water flushing devices JC/T 694 Packaging for sanitary wares

d) The mass of the lavatory should not exceed 20 kg;

e) The mass of wall-hang urinals should not exceed 15 kg;

f) Special engineering products can be in accordance with the requirements of contract.

5.7 Load bearing capacity After the load bearing capacity test, there shall be neither deformation nor visible structural damage. The loads borne by various products are as follows:

a) The pedestal pan and bidet shall be able to withstand a load of

5.8.1 Matching requirements of pan and urinal

5.8.1.1 Flushing device The pan and urinal products shall be equipped with flushing devices, that meet the water consumption requirements; it shall ensure their overall tightness.

5.8.1.2 Gravity flushing device The gravity flushing device, which is matched to the pan and urinal products, shall meet the requirements of GB 26730.

5.8.1.3 Pressurized flushing device The pressurized flushing device, which is matched to the pan and urinal products, shall meet the requirements of GB/T 26750.

5.8.1.4 Anti-siphon function The matching flushing device shall have an anti-siphon function.

5.8.1.5 Safe water level The safe water level of the gravity flushing cistern, which is used for pan and urinal, shall meet the requirements of

GB 26730-2011. The safe water level of the hidden cistern shall meet the requirements of 5.4.10.2 in GB 26730- 2011.

5.8.1.6 Seat and cover of pedestal pan The pedestal pan products shall be equipped with seat and cover. It shall comply with the requirements of JC/T 764. The equipped electronic seat and cover shall also comply with the requirements of JG/T 285 and GB/T 23131.

5.8.2 Water supply fittings and drainage fittings

5.8.2.1 The equipped hoses for sanitary ware shall meet the requirements of GB/T 23448.

5.8.2.2 The drainage fittings equipped shall comply with the requirements of JC/T 932.

5.8.3 Sanitary ware support The sanitary ware support, which is equipped on the pedestal pan with matched hidden cistern AND the wall-hang product, shall meet the requirements of GB 26730.

5.8.4 Water trap Sanitary ceramic products, which have no integral traps, shall be equipped with traps, which have a water seal depth of not less than 50 mm. The pipe's drift diameter shall meet the requirements of 6.1.5.

Note. When a trap, which has a water seal depth of not less than 50 mm, has been installed

in the drainage pipe of a building, it is not equipped with traps.

6.1.1 Installation distance of sewage draining exit of pedestal pan

6.1.1.1 The installation distance of the sewage draining exit of the bottom-drain pedestal pan shall be 305 mm; if necessary, it may be 200 mm or 400 mm. In special circumstances, it may be in accordance with the requirements of contract.

6.1.1.2 The installation distance of the sewage draining exit of the back-drain floor-standing pedestal pan shall be 180 mm or 100 mm. In special circumstances, it may be in accordance with the requirements of contract.

6.1.2 Sewage draining exits for pedestal pans and squatting pans able to let a solid ball, which has a diameter of 41 mm, pass.

6.1.5.3 The water channels of jet siphon urinals and flush-down urinals, which have integral water traps, shall be able to let a solid ball, which has a diameter of 23 mm, pass; OR the cross-sectional area of the water channel shall be more than

2. The water channel of other types of urinals shall be able to let a solid ball, which has a diameter of 19 mm, pass; OR the cross-sectional area of the water channel shall be more than

6.1.6 Seat of pedestal pan

6.1.6.1 Seat size of pedestal pan The size of the pedestal pan's seat shall comply with the provisions of Figure B.4. Where there is special requirement, it shall be in accordance with the requirements of the contract.

6.1.6.2 Mounting hole of pedestal pan's cover 6.1.6.2.1 The diameter of the mounting hole shall be 15 mm. 6.1.6.2.2 The center distance shall be 140 mm or 155 mm. 6.1.6.2.3 The deviation of the hole from the center line shall meet the requirements of Table 5. 6.1.6.2.4 The roundness of the hole shall meet the requirements of Table 5.

6.1.6.3 The distance from the mounting holes of the pedestal pan's cover to the edge The distance from the mounting holes of the pedestal pan's cover to the edge. It shall be 419 mm for the ordinary adult type; 470 mm for the adult lengthened type; 380 mm for the toddler type.

6.1.6.4 Seat width of pedestal pan Seat width of pedestal pan. It shall be 356 mm for the adult type; 280 mm for toddler type.

6.1.6.5 The seat height above the ground The height of the seat from the ground. It shall be not less than 370 mm for adult type; not less than 245 mm for toddler type; not less than 420 mm for the disabled/elderly dedicated type.

6.1.7 Water inlet of pedestal pan Carry out the particle discharge test, in accordance with