

ICS 91.140.70

CCS Q31



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

**GB/T 44460-2024**

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**Guidelines for quality grading of consumer products - Sanitary  
fixtures**

消费品质量分级导则 卫生洁具

**Issued on: August 23, 2024**

**Implemented on: August 23, 2024**

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**Issued by: State Administration for Market Regulation;  
Standardization Administration of the PRC**

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### 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. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by China Building Materials Federation. This document is under the jurisdiction of the National Technical Committee for Standardization of Building Sanitary Ceramics (SAC/TC249). This document was drafted by: China Building Sanitary Ceramics Association, Zhejiang Xierkang Smart Home Co., Ltd., Luda (Xiamen) Industrial Co., Ltd. Co., Ltd., Arrow Home Group Co., Ltd., Toto (China) Co., Ltd., Xiamen Jiayu Intelligent Sanitary Ware Co., Ltd., Huida Sanitary Ware Co., Ltd. Co., Ltd., Kohler (China) Investment Co., Ltd., Hengjie Sanitary Ware Group Co., Ltd., Xianyang Ceramic Research and Design Institute Co., Ltd., Xiamen Jianlin Healthy Home Co., Ltd., Xiamen Ruierte Sanitary Ware Technology Co., Ltd., Guangdong Huayi Sanitary Ware Industry Co., Ltd., Guangdong Langjingzhi Neng Sanitary Ware Co., Ltd., Zhejiang Yihe Sanitary Ware Co., Ltd., Foshan Quality Metrology Supervision and Inspection Center, Roca Sanitary Ware (Suzhou) Co., Ltd., Hansgrohe Bathroom Products (Shanghai) Co., Ltd., Xiamen like Bathroom Technology Co., Ltd., Guangdong Hunter Technology Co., Ltd., Newper Plumbing Parts (Shanghai) Co., Ltd., Shanghai Quality Supervision, Inspection and Research Institute, China National Testing Holding Group Shaanxi Co., Ltd., Taizhou City Product Quality and Safety Testing Institute, Aifling Sanitary Ware Technology Group Co., Ltd., Langs Home Furnishing Co., Ltd., Guangdong Rose Island Home Furnishing Co., Ltd. Co., Ltd., Zhongshan Deli Sanitary Ware Co., Ltd., Zhuhai Promi Kitchen & Bathroom Co., Ltd., Xiamen Yousheng Kitchen & Bathroom Technology Co., Ltd., Zhangzhou Wanhuijie Co., Ltd., Oulusa Co., Ltd., Xiamen Oulitong Electronic Technology Development Co., Ltd., Ningbo Aoleshi Sanitary Ware Co., Ltd., Zhejiang Xingxing Bianjiebao Co., Ltd., Kaiping Yizhan Valve Core Co., Ltd., Ningbo Wanhai Valve Technology Co., Ltd., Guangdong Anpi Technology Co., Ltd. Company, Kaiping Ruilin Shower Technology Co., Ltd., Kaiping Bosgo Sanitary Ware Co., Ltd., Xima Intelligent Technology Co., Ltd., Tejieerke Technology Co., Ltd., Ningbo Jitian Intelligent Sanitary Ware Technology Co., Ltd., Xiamen Haodi Intelligent

Home Technology Co., Ltd., Guangdong Zhijie Sanitary Ware Co., Ltd. Co., Ltd., Hunan Xijian Smart Home Co., Ltd., Renqiu Kangjie Sanitary Ware Co., Ltd., Guangdong Shiguanwei Sanitary Ware Co., Ltd., Guangdong Dingdian Pipe Technology Co., Ltd., Chaozhou Zhongtong Trading Co., Ltd., Xuancheng Desi Electronics Co., Ltd., Taizhou Fenghua Copper Co., Ltd., Yuhuan Xindeli Valve Co., Ltd., Zhejiang Huanri Sanitary Ware Co., Ltd., Guangdong Zhongou Sanitary Ware Co., Ltd., Guangdong Gaoxiang Ceramics Co., Ltd., Guangdong Palike Sanitary Ware Technology Co., Ltd., Chaozhou Keleman Technology Co., Ltd., Hebei Kangyi Sanitary Ware Technology Co., Ltd. Company, Beijing Building Materials Inspection and Research Institute Co., Ltd., China National Institute of Standardization, Zhuji Xinba Valve Co., Ltd., Taizhou Tian Dayuan Technology Co., Ltd., Zhushan County Public Inspection and Testing Center, Ningbo Obet Sanitary Ware Co., Ltd., Zhejiang Aizhizhen Smart Home Co., Ltd. company. The main drafters of this document are. Xu Xiwu, Wang Bo, Shi Hongwei, Wu Xishan, Xu Chuankai, Xie Wei, Liu Chuan, Liao Ronghua, Li Xiaoman, Zhao Gang, Li Yecheng, Yang Zhixiong, Tang Xingguo, Shen Haiyang, Shang Da, Hong Zhiqiang, Zhang Shicha, Zhang Yihan, Xie Weifan, Zhang Xuesong, Zhu Xuedan, Tang Minjun, Ou Zhuokun, Di Ping, Yuan Qing, Tang Wu, Huo Chengji, Xie Xiangxin, Wang Bing, Lin Huayou, Huang Jun, Xu Wei, Xiang Weichang, Liu Zhongnan, Ding Yanfei, Huang Boqing, Zhang Fan, Xu Huayue, Gong Xuewen, Chen Jianfa, Li Feiyu, Xiao Han, Wu Duanlong, Zhang Wei, Pan Xiaodong, Wang Yongbao, Huang Yongzhao, Yang Jianliang, Su Yaobing, Xiong Jianquan, Guo Baizhao, Liu Rizhi, Jia Qiansheng, Xu Sijia, Li Huanzong, He Baojin, Chen Hepeng, Yan Yunfang, Liu Xia, Xu Haihong, Zhang Mengrong, Chen Guobin, Su E, Xie Zhong, Zhang Chaokun, Lu Liuping, Liu Qingqing, Chen Limin, Zhai Guanghong, He Zuan, Guo Zhengxing, Mei Fafa, Huang Hongzhen, Su Jintong, Qiu Shaowei, Chen Ruigui, Shuixin Yuan, Wenjiang Jin, Yunfang Gao, Yong Xia, Jiayi Sun, Youyi Zhang, Meiqin Lei. Guidelines for quality classification of consumer goods - sanitary ware

## 1 Scope

GB/T 44460-2024 gives the Chinese guidelines for grading the quality of sanitary fixtures, within the consumer product quality grading programme. The programme exists because Chinese consumer markets are large, crowded and hard for a buyer to read: a product that merely complies with the mandatory standard sits on the same shelf as one built far beyond it, and the grading scheme is the instrument for distinguishing them. For sanitary ware the graded characteristics are the ones that actually separate products in service, the water consumption and flushing performance, the surface glaze quality and its resistance to staining and abrasion, the dimensional and installation accuracy, the durability of the fittings and seals, the noise, and the lead and other material requirements. The standard sets the grading indicator system, the grades themselves and the requirements at each, the evaluation method and the rules for making and substantiating a grade claim. For a manufacturer or a retailer in this market, this is the framework a quality claim has to fit. It

took effect on 23 August 2024.

This document specifies the basic requirements, index requirements, test methods, judgment rules and grading marks for the quality grading of sanitary ware. This document applies to the quality of smart toilets, toilets, bathroom cabinets, shower heads, shower rooms, faucets, hoses, angle valves, and bathtubs. Grading.

## 2 Normative references

The contents of the following documents constitute 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 3854 Test method for Barcol hardness of reinforced plastics

GB/T 4957 Measurement of coating thickness of non-conductive coatings on non-magnetic base metals - Eddy current method

GB/T 6461-2002 Rating of samples and test pieces after corrosion tests of metal and other inorganic coatings on metal substrates

GB/T 6952-2015 Sanitary ceramics

GB/T 9286-2021 Paint and varnish cross-cut test

GB/T 10125-2021 Artificial atmosphere corrosion test Salt spray test

GB/T 10357.5-2023 Furniture mechanical properties test Part

## 5 Strength and durability of cabinets GB 11614-2022 Flat glass

GB/T 17657-2022 Test methods for physical and chemical properties of wood-based panels and veneered wood-based panels

GB 18145-2014 Ceramic seal faucet

GB 18584-2024 Limits of Hazardous Substances in Furniture

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

GB/T 23447-2023 Shower heads for sanitary ware

GB/T 23448-2019 Sanitary ware hose

GB/T 24293 CNC thermostatic faucet

GB/T 24977-2024 General technical requirements for bathroom furniture

GB 25501 Water efficiency limit values and water efficiency grades for faucets

GB/T 26712-2021 Angle valves for sanitary ware and heating pipes

GB/T 34549-2024 Sanitary ware intelligent toilet

GB/T 38979 Test method for flushing noise of sanitary ceramic toilets

GB/T 44164-2024 General rules for quality classification of consumer products CJ/T  
194-2014 Non-contact water supply equipment JC/T 779 Glass fiber reinforced plastic  
bathtub JC/T 908-2013 Artificial Stone JC/T 2115 Non-contact induction water supply  
equipment JC/T 2116 Non-ceramic sanitary ware QB/T 2584-2023 Shower Room QB/T  
2664 Enamel sanitary ware bathtub