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

GB/T 46489-2025

General technical requirements for hospital furniture

医院家具通用技术要求

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Foreword

This document is in accordance with GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting is scheduled.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China National Light Industry Council. This document is under the jurisdiction of the National Furniture Standardization Technical Committee (SAC/TC480). This document was drafted by: Zhejiang Langtong Furniture Co., Ltd., Shanghai Institute of Quality Supervision and Inspection Technology Co., Ltd., and Zhejiang Qing Yangtze River Delta Research Institute, Shenzhen Institute of Metrology and Quality Inspection, Dongguan Quality Supervision and Inspection Center of Guangdong Province, Guangdong Product Quality Supervision and Inspection Inspection and Testing Research Institute, Changzhou Inspection and Testing Standards Certification Institute, Guangdong Zhongtai Furniture Group Co., Ltd., Suzhou Yonggu Intelligent Technology Co., Ltd., Lei Luo Intelligent Technology (Jiangsu) Co., Ltd., Sheng'ao Technology Co., Ltd., Yongyi Furniture Co., Ltd., and Haitai Oulin Group Co., Ltd. The company, Loctek Ergonomics Technology Co., Ltd., Nanjing Bulte Medical Technology Development Co., Ltd., Sichuan Yadu Furniture Co., Ltd., Jiang Sudepin Furniture Group Co., Ltd., Shandong Oppl Home Furnishings Group Co., Ltd., Hebei Pukang Medical Equipment Co., Ltd., Jiangsu Qiaoan Chen Medical Technology Co., Ltd., Guangdong Jusheng Hongce Testing and Inspection Co., Ltd., Guangdong Guojing Furniture Group Co., Ltd., Qingdao Youwu Technology Co., Ltd., Shenzhen Guxiao Technology Co., Ltd., Guangdong Zhaosheng Furniture Co., Ltd., Beijing JD Technology (Laoting) Co., Ltd., Guangzhou Bosheng Furniture Co., Ltd. Company, Hangzhou Montaigne Creative Design Co., Ltd., Qiannianzhou New Material Technology

Group Co., Ltd., Guangdong Huazhan Furniture Manufacturing Co., Ltd., Park Wook Environmental Protection Technology Equipment (Taicang) Co., Ltd. The main drafters of this document are. Wang Jin, Yu Huili, Han Xiuping, Xu Dongyu, Jing Jun, Lai Deming, Gu Qiang, Shi Kai, Wu Yong, Lu Xuxia, and Zhao Liying. Zhang Junwen, Ye Yongzhen, Shi Jianye, Zhong Hengping, Hu Jifei, Sun Jifei, Jiang Zilan, Bai Qian, Yang Juncheng, Wu Fuhang, Zhou Yun, Song Yan, Wu Zuohui Chen Shichao, Feng Zhiyu, Liu Zhijun, Wei Qian, Tian Maohua, Shen Judong, Huang Riwei, Yang Xiangdong, Li Jingrong. General Technical Requirements for Hospital Furniture

1 Scope

GB/T 46489-2025 is the Chinese national standard covering furniture for a hospital - the surfaces that must survive repeated disinfection without crazing, the absence of joints and crevices that hold organisms, the stability and load capacity, the fire behaviour, and the emissions in a room where patients sleep. First edition, in force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 250 Textiles - Tests for color fastness - Assessment of color change - Gray scale

GB/T 1043.1 Determination of impact properties of simply supported plastic beams - Part

GB/T 3324-2024 General Technical Requirements for Wooden Furniture

GB/T 3325-2024 General Technical Requirements for Metal Furniture

GB/T 3920 Textiles - Tests for color fastness - Color fastness to rubbing

GB/T 4893.1-2021 Tests on the physical and chemical properties of paint films on furniture surfaces - Part

3 Test for resistance to dry heat

GB/T 4893.4-2023 Physical and chemical properties of paint films on furniture surfaces - Part

4 Determination of moisture content

GB/T 2828.1-2012 Sampling Procedures for Inspection by Attributes - Part

5 Strength and Durability of Cabinets

GB/T 10357.7-2025 Furniture Mechanical Properties Test - Part

6 Furniture

GB/T 6669-2008 Determination of Compression Set of Flexible Foamed Polymer Materials

GB/T 6682-2008 Specifications and test methods for water used in analytical laboratories

GB/T 7573-2009 Determination of pH value of aqueous extracts of textiles

GB/T 9286-2021 Paints and varnishes - Cross-cut test

GB/T 10357.1-2024 Furniture Mechanical Properties Tests Part

7 Test of resistance to temperature differences

GB/T 4893.8-2023 Furniture Surface Physical and Chemical Properties Tests Part

8 Determination of Abrasion Resistance

GB/T 4893.9-2013 Tests on the physical and chemical properties of paint films on furniture surfaces-Part

9 Test of impact resistance

GB/T 5296.6 Instructions for use of consumer products - Part