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

GB/T 46488-2025

Technical specification of cyclic utilization for furniture

家具循环利用技术规范

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. 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: Sunon Technology Co., Ltd., Shanghai Institute of Quality Supervision and Inspection Technology Co., Ltd., and China National Resources Recycling Corporation. Source Recycling Association, Nanjing Forestry University, Beijing Jinyu Tiantan Furniture Co., Ltd., Guangdong Pianno Scientific Art Home Furnishings Co., Ltd. The company, Xilinmen Furniture Co., Ltd., Guangdong Canoya Home Furnishings Co., Ltd., Yongyi Furniture Co., Ltd., and Hangzhou Baifeilun Furniture Co., Ltd. Home Furnishings Co., Ltd., and Tianjin Institute of Renewable Resources of the All China Federation of Supply and Marketing Cooperatives. The main drafters of this document are: Xie Mingjun, Ge Hailin, Tang Yanju, Wang Jinhuan, Du Xiubing, Cao Yang, Wu Zhihui, Ma Shihong, Ma Libin, and Chen Yicheng. Cheng Guobiao, Duan Dawei, Lu Gongtian, Lu Tonghua, Du Tao. Furniture Recycling Technical Specifications

1 Scope

GB/T 46488-2025 is the Chinese national standard covering keeping furniture in use - the assessment of what can be repaired, refurbished or remanufactured, the cleaning and disinfection, the replacement of the parts that wear, the disclosure to the second buyer, and the recycling of what is left. First edition, with the footprint standard GB/T 46486-2025. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document specifies the requirements for furniture recycling and describes the relevant verification methods. This document applies to the recycling of furniture.

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 4223 Scrap Steel

GB/T 13586 Recycled Aluminum

GB/T 13587 Copper and Copper Alloy Scrap

GB 16297 Integrated Emission Standard for Air Pollutants

GB/T 22529 Management Standard for Recycling and Utilization of Waste Wood Materials

GB/T 28202-2020 Furniture Industry Terminology

GB/T 39171 Technical Specification for Waste Plastic Recycling

GB/T 39196 Technical Specification for Waste Glass Recycling

GB/T 39781 Technical Specification for Recycling of Waste Textiles

GB/T 45083 Standard for Construction and Management of Recyclable Resource Sorting Centers

GB/T 45697 Technical Specification for Furniture Recycling and Trading

3 Terms and Definitions

The terms and definitions defined in GB/T 28202-2020, as well as the following terms and definitions, apply to this document.

3.1 Cyclic utilization Throughout a product's lifecycle, optimization in design, production, use, and disposal enables resources to be reused multiple times, reducing waste. The process of costs and pollution.

3.2 Waste/used furniture Discarded or (and) old, worn-out furniture.

Note. Such as discarded solid wood furniture, discarded panel furniture, etc. [Source: GB/T 38743-2020, 2.1.5.1, with modifications]

3.3 treatment Activities such as cleaning, dismantling, and crushing of waste furniture (3.2). [Source: GB/T 20861-2007, 2.7, with modifications]