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

GB/T 26694-2024

Replacing GB/T 26694-2011

Specification for the green design assessment of furniture

家具绿色设计评价规范

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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 is required. This document replaces GB/T 26694-2011 "Furniture Green Design Evaluation Specification". Compared with GB/T 26694-2011, except for the structure In addition to adjustments and editorial changes, the main technical changes are as follows: Changed the terms and definitions of "furniture green design", "life cycle", "packaging", "environmental factors" and "environmental impact" (see 3.1, 3.2, 3.3, 3.4, 3.5, 3.1, 3.2, 3.5, 3.6,

3.7 of the.2011 edition);

a) The terms "life cycle assessment", "material identification", "disassembly", "recyclability" and "recycled content" have been deleted. Definitions (see 3.3, 3.4, 3.8, 3.9, and

3.10 of the.2011 edition);

b) Added the term and definition of "Life Cycle Assessment Report" (see 3.6);

c) Deleted the chapter "Green Design Strategic Thinking" (see Chapter 4 of the.2011 edition);

d) Added a chapter on "Evaluation Purpose and Principles" (see Chapter 4);

e) Deleted the chapter "Evaluation Indicators of Green Design" (see Chapter 5 of the.2011 edition);

f) Added a chapter on "Evaluation Requirements" (see Chapter 5);

g) Deleted the chapter "Green Design Evaluation Method" (see Chapter 6 of the.2011 edition);

h) Added a chapter on "Verification Methods" (see Chapter 6);

i) Added a chapter on "Evaluation Methods" (see Chapter 7);

j) Added a chapter on "Life Cycle Assessment Report" (see Chapter 8);

1 Scope

China's national specification for assessing the green design of furniture. It specifies the principles, the indicator system, the assessment method and the reporting for evaluating furniture products against green design criteria. Green design assessment is not the same thing as an emissions test, and the distinction is the point of the document. A furniture product can pass the formaldehyde limits and still be a poor design environmentally: made of a board that cannot be recycled, glued in a way that prevents disassembly, finished with a coating that constrains disposal, packaged in three times the material it needs, and built to a life shorter than the fashion it was made for. Assessing the design means looking at the whole life rather than at one emission at one moment. So the indicator system spans the stages. Materials: the proportion of renewable, recycled and certified material, the avoidance of restricted substances, and the recyclability of what is used. Manufacture: the energy and water per unit, the volatile organic compounds released in finishing, and the waste generated and recovered. Use: the durability and the strength and stability that determine how long the product lasts, the indoor air quality it produces in a real room rather than in a chamber, and the maintainability and reparability. End of life: the ease of disassembly, the separability of materials joined together, and the recyclability of the product as built rather than as designed on paper. The standard sets the indicators, states how each is measured or calculated, weights them, and defines the evidence required and the form of the assessment report - so that a claim of green design is verifiable rather than asserted. Issued on 29 June 2024 and in force since 1 January 2025, it replaces GB/T 26694-2011.

2 Normative references

The contents of the following documents constitute the 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. in this document.

GB/T 191 Pictorial markings for packaging, storage and transportation

GB/T 2589 General rules for comprehensive energy consumption calculation

GB/T 3324 General technical requirements for wooden furniture

GB/T 3325 General technical requirements for metal furniture

GB/T 13667.3 Steel bookshelves Part

GB/T 16799 Leather for furniture

GB 17167 General rules for the allocation and management of energy metering instruments in energy-consuming units

GB 18401-2010 National basic safety technical specification for textile products

GB/T 18455 Packaging Recycling Mark

GB/T 19001 Quality Management System Requirements

GB/T 23331 Energy Management System Requirements and Usage Guide

GB/T 24001 Environmental Management System Requirements and Usage Guide

GB/T 24256-2009 General principles for product eco-design

GB/T 24820 General technical requirements for laboratory furniture

GB/T 24821 Dining tables and chairs

GB 24977 Bathroom furniture

GB/T 26706 Cotton fiber elastic mattress for soft furniture

GB/T 28010 General technical requirements for rosewood furniture

GB 28478 Safety performance requirements for outdoor leisure furniture - Tables and chairs

3 Manual compact bookshelves

GB/T 13667.4 Steel bookshelves Part

4 Electric compact bookshelves

GB/T 14531 Office furniture - reading tables, chairs and stools

GB/T 14532 Office furniture - wooden cabinets and shelves

GB/T 16716.1 Packaging and environment Part