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

GB/T 24821-2024

Replacing GB/T 24821-2009

Dining tables and chairs

餐桌餐椅

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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. This document replaces GB/T 24821-2009 "Dining tables and chairs". Compared with GB/T 24821-2009, except for structural adjustments and editorial changes, In addition to the dynamic, the main technical changes are as follows:

- a) The scope has been changed (see Chapter 1, Chapter 1 of the.2009 edition);
- b) The definitions of "turntable" and "turntable" in the Terms and Definitions have been deleted (see 3.2 of the.2009 edition);
- c) Deleted the dimensional tolerance, tabletop width, tabletop depth, tabletop height, and round tabletop diameter in the main dimensions and limit deviation requirements.
- 2. The provisions for the diameter, width, height, depth and diameter of the round stool surface (see Table 1 of the.2009 edition);
- d) Added dimensional requirements for the inner width of armrests of armchairs, the clearance height under tables, and the height difference between the seat surfaces of chairs and stools (see Table 1);
- e) The minimum distance and limit deviation between the edge of the round table top and the edge of the turntable have been changed (see Table 1, Table 1 of the.2009 edition);
- f) Added requirements and test methods for consistency between physical objects and labels (see

5.3.1 and 6.3.1);

g) Added appearance requirements for ceramic rock slabs (see Table 3);

h) Added requirements and test methods for moisture resistance, heat resistance and pollution resistance of soft and hard coverings (see Table 4,

6.5.5.3 and 6.5.5.5);

1 Scope

GB/T 24821-2024 is the Chinese product standard for dining tables and chairs. It applies across the materials, wood, metal, plastic, glass and combinations, and it is the standard most often cited in contract furniture supply for restaurants, canteens and hotels, where the furniture is used far harder than in a home. The standard sets the requirements on the materials and the workmanship, the dimensional requirements including the functional dimensions that make a table and chair usable together, the appearance and surface quality requirements, the strength and durability requirements with the static, cyclic and impact load tests applied to the seat, back, arms and legs of the chair and to the top and the frame of the table, the stability requirements against tipping, the requirements on the surface coating and its resistance to heat, cold, liquids, staining and abrasion, and the limits on the harmful substances released, together with the test methods, the inspection rules and the marking, packaging, transport and storage. The 2024 edition replaces GB/T 24821-2009.

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 to This document.

GB/T 1732-2020 Determination of impact resistance of paint films

GB/T 1927.4-2021 Test methods for physical and mechanical properties of small, defect-free specimens of wood - Part

GB/T 3324 General technical requirements for wooden furniture

GB/T 3325 General technical requirements for metal furniture

GB 4343.1 Electromagnetic compatibility requirements for household appliances, power tools and similar apparatus Part

3 Determination of dry heat resistance

GB/T 4893.4-2023 Tests for physical and chemical properties of furniture surface paint films
Part

4 Determination of moisture content

GB/T 2828.1-2012 Sampling procedures for inspection by attributes Part

6 Furniture

GB/T 6739-2022 Paints and varnishes - Determination of film hardness by the pencil
method

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

GB/T 9985-2022 Detergents for hand-washing dishes

GB/T 10357.1-2024 Furniture mechanical properties test Part

7 Determination of resistance to hot and cold temperature differences

GB/T 4893.8-2023 Furniture surface physical and chemical properties test Part

8 Determination of abrasion resistance

GB/T 4893.9-2013 Tests for physical and chemical properties of furniture surface paint films
Part

9 Determination of impact resistance

GB/T 5296.6 Instructions for use of consumer products Part