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

LY/T 3200-2020

General technical requirements for bamboo-culm furniture

圆竹家具通用技术条件

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed and managed by the National Bamboo and Rattan Standardization Technical Committee (SAC/TC 263).

Drafting organizations of this standard. Nanjing Forestry University, Dehua Rabbit Baby Decoration New Materials Co., Ltd., Zhejiang Jiuchuan Bamboo and Wood Co., Ltd., Ningbo Zhuyun Household Products Co., Ltd., Anji Wojia Bamboo and Wood Technology Co., Ltd., Guizhou Xinjin Bamboo and Wood Products Co., Ltd., Happy Wood Group, Hangzhou Junze Cultural Creative Co., Ltd., Hangzhou Zhuangyi Furniture Co., Ltd., Xiamen Weihaotai Technology Co., Ltd., Guangdong Haochenwang Technology Co., Ltd.

Company, Huangshan Huizhou Zhuyixuan Carving Co., Ltd., Zhejiang Agriculture and Forestry University, Zhejiang Baishanzu Industry and Trade Co., Ltd., Fujian Dazhuang Bamboo Technology Co., Ltd.

Co., Ltd., Jiangxi Oriental Famous Bamboo Industry Co., Ltd., Zhejiang Zhuangcheng Bamboo Industry Co., Ltd., Hangzhou Mingyi Craft Products Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification, requirements, inspection methods, inspection rules and labels, packaging, transportation and storage of round bamboo furniture.

Save.

This standard applies to indoor furniture made of round bamboo as the main frame.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 2828.1-2012 Sampling Inspection Procedures by Attributes Part 1: Batch-by-batch Inspection Sampling Retrieved by Acceptance Quality Limit (AQL) GB/T 3324-2017 General technical requirements for wooden furniture GB/T 4893.2-2005 Determination of resistance to heat and humidity on furniture surfaces GB/T 4893.3-2005 Determination of resistance to dry heat on furniture surfaces GB/T 4893.7-2013 Furniture surface paint film physical and chemical properties test Part 7: Determination of resistance to cold and heat GB/T 4893.9-2013 Furniture surface paint film physical and chemical properties test Part 9:

Determination of impact resistance GB/T 10357.1-2013 Furniture Mechanical Performance Test Part 1: Table Strength and Durability GB/T 10357.2-2013 Furniture Mechanical Performance Test Part 2: Stability of Chairs and Stools GB/T 10357.3-2013 Furniture Mechanical Performance Test Part 3: Chair and Stool Strength and Durability GB/T 10357.4-2013 Furniture Mechanical Performance Test Part 4: Cabinet Stability GB/T 10357.5-2011 Furniture Mechanical Performance Test Part 5: Cabinet Strength and Durability GB/T 10357.6-2013 Furniture Mechanical Performance Test Part 6: Strength and Durability of Single Bed GB/T 10357.7-2013 Furniture Mechanical Properties Test Part 7: Table Stability GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and facing wood-based panels GB 18584 Limits of harmful substances in interior decoration materials and wooden furniture GB/T 28202-2011 Furniture Industry Terminology

3 Terms and definitions

The following terms and definitions defined in GB/T 28202-2011 apply to this document.

Bamboo-culm, raw bamboo Raw bamboo After the bamboo is harvested, the round, hollow, and knotted bamboo stalks are maintained after root cutting and branch removal.

Bamboo-culm furniture Raw bamboo furniture Furniture made of bamboo poles as the main body to form a frame or component, supplemented by bamboo strips, bamboo slices, bamboo boards, bamboo weaving and other accessories.

Caramelised bamboo-culm After heat treatment, the color becomes darker.

Roasted bamboo-culm with artificial grain the bamboo green noodles are fire-roasted and smoked to form round bamboo with patterns.

Shrinking knot

During the growth of bamboo, it is damaged by pathogens and insects or affected by the bad environment, which destroys its normal growth pattern, resulting in shortened bamboo joint spacing or the phenomenon of swelling.

4 Categories

4.1

Classification by product function.

- a) Cabinet round bamboo furniture;
- b) Frame round bamboo furniture;
- c) Round bamboo furniture for beds;
- d) Several types of round bamboo furniture for tables;

- e) Chair and stool round bamboo furniture;
- f) Sofa round bamboo furniture;
- g) Screen round bamboo furniture;
- h) Other round bamboo furniture.

4.2

Classification according to the surface color of round bamboo.

- a) Natural round bamboo furniture;
- b) Bleached white round bamboo furniture;
- c) Carbonized round bamboo furniture;
- d) Smoked round bamboo furniture;
- e) Toning round bamboo furniture.

5.1 Main dimensions and deviations

It shall meet the requirements specified in Table 1 of GB/T 3324-2017.

5.2 Shape and position tolerance

It shall meet the requirements specified in Table 2 of GB/T 3324-2017.

5.3.1 Bamboo species

Bamboo species suitable for making round bamboo furniture. Moso bamboo, light bamboo, purple bamboo Red bamboo, tea stalk bamboo, Ci bamboo, white bamboo, etc.

5.3.2 Water content

The moisture content of bamboo in the product is 6.0%~15.0%.

5.3.3 Material

It is advisable to choose mature, moth-free, rot-free, mildew-free, and no shrinkage bamboo materials as round bamboo furniture materials.

5.4 Appearance requirements

Should meet the requirements of Table 1.