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

HJ 2548-2018

**Technical requirement for environmental labeling products -
Bamboo products**

环境标志产品技术要求 竹制品

(English Translation)

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Foreword

To implement the Environmental Protection Law of the People's Republic of China, reduce the environmental and human body of bamboo products in the process of raw materials, production and use.

The impact of health, the development of this standard.

This standard puts forward environmental protection requirements for the environmental design, production and toxic and hazardous substances in bamboo products.

This standard is the first release.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Ecology and Environment.

This standard is mainly drafted by. China-Japan Friendship Environmental Protection Center.

This standard is approved by the Ministry of Ecology and Environment on July 12, 2018.

This standard has been implemented since October 1, 2018.

This standard is explained by the Ministry of Ecology and Environment.

Environmental Labeling Products Technical Requirements Bamboo Products

1 Scope of application

This standard specifies the terms and definitions, basic requirements, technical content and testing methods of environmental labeling products for bamboo products.

This standard applies to bamboo daily necessities, bamboo crafts, bamboo furniture, bamboo doors, bamboo windows (mainly) with bamboo content exceeding 60% (mass fraction) Question frame) and other types of bamboo products.

This standard does not apply to bamboo flooring, bamboo products in contact with food and medicine, bamboo products for outdoor use, and bamboo products for children's toys.

2 Normative references

This standard refers to the terms of the following documents. For undated references, the latest edition applies to this standard.

GB 18580 Indoor decoration materials, artificial release board and its products, formaldehyde emission limit GB 18584 Interior decoration materials, limited amount of harmful substances in wooden furniture Textiles -- Determination of formaldehyde -- Part 1 . Free and hydrolyzed formaldehyde (water extraction method) GB/T 7573 Determination of pH of textile water extracts GB/T 16288 logo for plastic products GB/T 20388 Determination of phthalate - Tetrahydrofuran method HJ 571 environmental labeling product technical requirements for wood-based panels and their products HJ 2537 Environmental Labeling Product Technical Requirements Waterborne Coatings HJ 2541 Environmental Labeling Product Technical Requirements Adhesive HJ 2546 Environmental Labeling Products Technical Requirements Textile Products

3 Terms and definitions

The following terms and definitions apply to this standard.

Bamboo products

Bamboo,, and other solid bamboo materials are used as the main raw materials. After processing by mechanical or chemical methods, the apparent appearance of bamboo remains.

And basic features of the product.

4 Basic requirements

4.1

The product should meet the requirements of the corresponding quality standards.

4.2

Pollutant emissions from product manufacturing enterprises shall comply with national and local standards for pollutant discharge.

4.3

Product manufacturers should strengthen clean production in the production process.

5.1.1 Plastic parts

5.1.1.1

Plastic parts with a mass greater than 25g or a surface area greater than 200 mm² shall be marked in accordance with the requirements of GB/T 16288.

5.1.1.2

Plastic parts should be easy to disassemble and recycle.

5.1.2 Glass

5.1.2.1

Glass components should be easy to disassemble and recycle.

5.1.2.2

Glass does not contain lead.

5.1.3 Textiles

Textiles containing more than 1% of the total mass of the product shall comply with the requirements of HJ 2546.

5.1.4 Coating

Use radiation curable coatings or waterborne coatings that meet the wood coating requirements of HJ 2537-2014.

5.1.5 Adhesive

Use an adhesive that meets the requirements of water-based construction adhesives in HJ 2541-2016.

5.1.6 Metal parts

5.1.6.1

Metal parts used in the product (except for small metal parts such as screws, hinges and bolts), the pre-processing process is not used Phosphorus-containing degreaser and

filming agent.

5.1.6.2

Electroplating is not carried out using hexavalent chromium, nickel, tin and their compounds (except gas plating).

5.1.6.3

Do not use halogenated organics to remove oil or metal surface treatment.

5.2 Product production process requirements

5.2.1

The toxic and hazardous substances such as halogenated hydrocarbons, coal tar, creosote, organotin compounds, chromium and arsenic compounds are not used in the raw material processing.

5.2.2

Air pollution treatment facilities should be installed and operated in sanding, and other processes.

5.2.3

The wastewater generated by the processes of cooking, carbonization and dyeing in the production process shall be collected, treated and recycled.

5.2.4

Corner scraps such as bamboo chips produced during the production process shall be collected, treated and recycled.

5.3 Product requirements

5.3.1

Finished or coloured products shall comply with the requirements of Table 1.

Table 1 Limit requirements for hazardous substances in finished or colored products

Project limit

Extractable weight

metal

Lead, mg/kg ≤ 63

Chromium, mg/kg ≤ 40 Cadmium, mg/kg ≤ 50 Mercury, mg/kg ≤ 40