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

GB/T 24430.2-2009

Bunk beds for domestic use -- Safety -- Part 2: Test

家用双层床 安全 第2部分：试验

(English Translation)

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Foreword

"Bunk beds for domestic security" is divided into two parts.

--- GB 24430.1 "Bunk beds for domestic security - Part 1. Requirements";

--- GB/T 24430.2 "Bunk beds for domestic security - Part 2. Test." this section "Bunk beds for domestic security," Part 2.

The partial modification using ISO 9098-2:1994 "Household bunk beds - Safety requirements and test methods - Part 2. Test methods" (English Chinese Version).

Since the original international standard-setting standard age longer, this part of the following modifications.

--- Delete Normative references ISO 554. 1976;

--- Delete "Before the test, the specimen should be kept at least a week, in accordance with ISO 554 of storage conditions, temperature. (23 ± 2) °C, relative humidity Degree. $(50 \pm 5)\%$;

--- Modify the storage time before the test glued wood materials, that is, after "If the specimen is glue made of wood or similar material, the manufacturer shall Storage for at least four weeks in a normal indoor environment in order to carry out the tests. "Is replaced by" if the specimen is made of glued wood or similar materials, from pre-test to be made, at least in the general indoor environment stored in a row 7d ";

--- Edit "Based on the test results of 5.2 to 5.8" with "the test results from 5.1 to 5.8";

- Article titles and numbers increase (3.1 and 3.2 of the title);
- Delete international standards informative overview of elements (including the cover, directory, foreword and introduction);
- Increase in Appendices A and B.

Appendix A of this section is normative appendix, Appendix B is an informative annex.

This part is proposed by the China National Light Industry Council.

This part of the furniture by the National Standardization Center centralized.

This part mainly drafted by. Shanghai Institute of Quality Supervision, Inspection, Zhejiang Fangyuan Test Group Co., Ltd., Rui Boda (Ningbo) Wood Co., Ltd., Shunde quality and technical supervision of standards and codes, Furniture Co., Ltd. Chongqing Langsa.

1 Scope

This section provides Bunk beds for domestic security test method evaluation, its main purpose is to reduce the use of people, especially children occur Risk of accidents, considering only a bed to sleep function.

This section applies to household bunk beds.

This section also applies to bedding plane off the ground than or equal to 800mm tall single-layer bed, does not consider the use of bedding below the surface space.

This test method is mainly used for installation, ready to use stand-alone bunk beds.

The test involves simulate normal use and reasonably foreseeable misuse of time, for different parts of the loading bunk beds and afterburner test. this Test method is designed to evaluate the performance of the product and does not involve materials, modeling structures and processes.

The test results only test sample is valid. When the results of these tests to be used for other similar products, then the type of the test sample should have Representative product.

For the structure of the sample program does not meet the test specimen, the test according to the procedure as stipulated performed and recorded with the prescribed test procedures difference.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this

part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Program (ISO 2859-1:1999, IDT) Determination of hardness (indentation method) (1997, IDT ISO 2439) GB/T 10807-2006 soft foam polymeric GB 24430.1-2009 Bunk beds for domestic security - Part 1. Requirements (ISO 9098-1:1994, MOD)

3.1 Tolerance requirements

- All force value accuracy of $\pm 5\%$;
- All mass accuracy of $\pm 0.5\%$;
- All dimensions accuracy of $\pm 0.5\text{mm}$.

3.2 Initial test preparation

If the specimen is made of glued wood or similar materials, from pre-test to be made, at least in the general indoor environment of continuous storage 7d.

When the delivery should be tested, if the specimen is removable, shall be assembled with the product specification of the products to be assembled, if the test or a combination of parts can be assembled in different ways, then the test shall be the most unfavorable manner specimen assembly or a combination of each.

Before the test, the connector should be detachable fastening products.

The test shall be specified in this program on the same piece of sample.

4 Test Equipment

Unless otherwise specified, the test forcing using any suitable equipment available. Because test results depends only on the correct carrier and urging