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

GB/T 13667.3-2013

Replacing GB/T 13667.3-2003

Steel book shelves-Part 3: Manual dense bookshelf

钢制书架 第3部分：手动密集书架

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Foreword

GB/T 13667 "steel shelves" is divided into four parts.

--- Part 1. Single, double column bookshelf;

--- Part 2. laminate type shelves;

--- Part 3. Manually intensive shelves;

--- Part 4. Electric intensive bookshelf. This section GB/T Part of 313,667. This section drafted in accordance with GB/T 1.1-2009 given rules. This Part replaces GB/T 13667.3-2003 "Bookshelf manually intensive technical conditions." This portion of the GB/T 13667.3-2003 phase Ratio, the main technical changes are as follows:

--- The term "standard frame" to "intensive shelves standard shelf Column", and modify the definition contents (see 32, 2003 version 3.2.);

--- Remove the material requirements (2003 version 5.1);

- Delete the column, siding and other parts requirements (2003 version 6.1);
- Deleted phosphate gloss requirements (2003 version 6.3);
- Modify the assembly requirements (see 53, 2003 version 6.4.);
- Modify the stability requirements (see 55, 2003 version 6.7.);
- The "size test" to "assembly requirements determination," and modify the test methods (see 63, 2003 version 7.1.);
- Modify the structural strength test method (see 66, 2003 version 7.7.);
- Modify the inspection rules (see 7, 2003 edition of 8);

1 Scope

GB/T 13667.3-2013 is the Chinese national standard on steel book shelves-part 3: manual dense bookshelf, in the field of domestic and commercial equipment, entertainment, sport. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2013 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2014. Classification: ICS 97.140, CCS Y81. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

0.4 GB/T 1730 2 impact strength impact height 40cm, should not peel, crack, wrinkle GB/T 1732 3 adhesion level should not be less than 2 GB/T 1720 4 corrosion-resistant Within 100h, viewed in the road outside the designated template solution on both sides of 3mm, there should be no bubbles 100h after, the model should be no check on both sides of 3mm outside the designated road rust, peeling, wrinkling, change Loss of light and color phenomena GB/T 13667.1-2003 In 7.3.3.7

5.5.3 Loading shelf level stability According to GB/T 10357.4 provisions applied at the highest levels of tension 90N middle shelf unit shelf, keeping 1min, should frame body Dumping.

5.6 Structural Strength Standard frame listed at full static load, horizontal tensile testing along the X, Y-axis in both directions, the level of tension and full of static weight load The Dutch and 1/15, the successive test 50 times, the test frame body can not dump the phenomenon occurs, the amount of tilt frame body after the test shall not exceed the total frame body 1% higher, each structural member should be no plastic deformation or other

anomalies.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1720 film adhesion assay

GB/T 1730 Paints and varnishes - Pendulum damping test

GB/T 1732 Determination of impact resistance of film

GB/T 9969 General Instructions industrial products

GB/T 10357.4 furniture mechanical properties test - Part 4. Cabinet Stability

GB/T 13666 Books Supplies Equipment Model methodology

GB/T 13667.1-2003 steel shelves General technical conditions

3 Terms and Definitions

GB/T 13667.1-2003 and the following definition of terms and definitions are applicable to this document.

3.1 Manually intensive Bookshelf manual dense bookshelf Can be achieved by shaking the handle to run on the rails, the movable frame columns and columns of the holder can be dispersed or set of bookshelves combination, the main By the column, shelf, side panels, base beams, joystick, wheel, gear, guide rails and other component parts.

3.2 Bookshelf intensive standard frame listed standard shelf series of dense bookshelf It consists of a main frame and sub-frame consisting of two columns of the movable frame used for the test.

3.3 The movable frame column active shelf series You can run on the rails bookshelf column.

3.4 Holder column fixed shelf series With respect to the movable frame column, fixed position, Bookshelf column can not run.

4 Classification and Nomenclature

4.1 Naming Naming and Model methodology products should comply with GB/T 13666 of.

4.2 Classification and dimensions Classification and unit frame size of the product are shown in Table 1. Product structure is shown in Figure 1. Table

1 Classification and unit frame size in millimeters classification size Height H width B depth

T The movable frame columns 1900 to 2500, 400 to 600 900-1000 Column holder Duplex
1900 ~ 2500 900 ~ 1000 400 ~ 600 Sided ~ 1900 ~ 1000 200 ~ 2500 900 300

Note. The special specification according to the contract.

5 Full

5.4.2 static load sqrt - sqrt sqrt 6

5.1 Appearance

5.1.1 the parts surface should be smooth, flat, there should be no sharp corners and projections.

5.1.2 welded shall be welded solid, smooth welding marks.

5.1.3 The surface of the coating should be smooth, uniform color, there should be no sagging, from grain, wrinkled skin, exposed at the end, flaking, scratches and other defects.

5.1.4 plating coating should be bright, exposed parts should not have burned, bubbles, pinholes, cracks, piebald, scratches and burrs.

5.2 surface coating physical and chemical properties Physical and chemical properties of surface coating products comply with the requirements of Table 2. Table 2 surface coating physical and chemical properties Test item number requirements, test methods

5.2 Surface coating physical and chemical properties sqrt - - sqrt 3

5.3 assembly requirements Table 3 1 ~ 7 sqrt sqrt sqrt Table 3 8 ~ 10 sqrt - sqrt sqrt 4

5.4.1 shelf static load sqrt - - sqrt

5.5.3 Stability sqrt - sqrt sqrt 8

5.6 structural strength sqrt - - sqrt

Note. delivery inspection items can be adjusted according to customer demand.

7.2.3 determination principle Basic projects are qualified and general project failed no more than three items, the product is judged as qualified, otherwise unqualified.

6 Test methods

6.1 Determination of appearance Shall be visually measured under natural light or near natural light (such as 40W fluorescent lamp), line of sight is within 700mm.

6.2 Determination of surface coating physical and chemical properties Conducted in accordance with Table 2.