

Translated English of Chinese Standard: QB/T1337-2010

www.ChineseStandard.net

Sales@ChineseStandard.net

QB

LIGHT INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 97.180

Classification number: Y50

Registration number: 31045-2011

QB/T 1337-2010

Replacing QB/T 1337-1991

Pencil sharpener

卷笔刀

QB/T 1337-2010 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~60 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: December 29, 2010

Implemented on: April 01, 2011

Issued by: Ministry of Industry and Information Technology of PRC

Table of Contents

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Classification	5
5 Requirements.....	6
6 Test method	7
7 Inspection rules	9
8 Marking, packaging, transportation, storage.....	10

Foreword

This standard is a revision of the QB/T 1337-1991 “Pencil Sharpener”.

As compared with QB/T 1337-1991, the main changes of this standard are as follows:

- In terms and definitions, ADD the definition and schematic diagram of “” a glossary of the definition of “lead taper” (3.2 of this standard);
- In the product classification, RE-CLASSIFY the products (4.1 and 4.2 of original standard; 4.1, 4.2 and 4.3 of this standard);
- ADJUST the requirements for “broken lead” and “corrosion resistance” (5.2 and 5.6 of this standard);
- ADD the requirements for “safety of use” (5.8 of this standard), and the corresponding test method (6.8 of this standard);
- ADJUST the exit-factor inspection and type inspection items in the inspection rule.

This standard was proposed by the China Light Industry Federation.

This standard shall be under the jurisdiction of the National Cultural and Cultural Supplies Standardization Center.

The drafting organizations of this standard: Hangzhou Aihua Stationery Co., Ltd., Zhejiang Guangbo Group Co., Ltd., Deli Group Co., Ltd., Fujian Xindai Industrial Co., Ltd., Shenzhen Qixin Stationery Co., Ltd.

The drafters of this standard: Lou Guojun Army, Li Weijin, Zhang Lifeng, Xiang Zhibo, Zheng Chengqiang, Ji Yongbo.

This standard was first released in November 1991, AND this is the first revision.

This standard shall, from the date of implementation, replace the light industry standard QB/T 1337-1991 “Pencil sharpener” which was released by the Ministry of Light Industry.

Pencil sharpener

1 Scope

This standard specifies the terms and definitions, classification, requirements, test methods, inspection rules and markings, packaging, transportation, and storage of the pencil sharpener.

This standard applies to the pencil sharpeners which are used to sharpen the ordinary wood holder pencil and the wood holder color pencil. The sharpener which is used to sharpen the wood holder eyebrow pencil and the wood holder artwork pencil may also make reference to this standard.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this Standard.

GB/T 191-2008 Packaging – Pictorial marking for handling of goods

GB/T 2828.1-2003 Sampling procedures for inspection by attributes – Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 2829-2002 Sampling procedures and tables for periodic inspection by attributes (apply to inspection of process stability)

GB 21027-2007 Request in common use of security for student articles

QB/T 2774-2006 Pencil

QB/T 3826-1999 Corrosion-resistant testing method of the metal deposits and conversion coatings for the light industrial products – Neutral salt spraying test (NSS)

QB/T 3832-1999 Evaluation of the corrosion test results of the metal deposits for the light industrial products

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Lead aperture

The diameter of the pencil which is inserted into the tapered hole shall not be less than 8.0 mm.

5.6 Corrosion resistance

As for the pencil sharpener blade having metallic coating is subjected to corrosion resistance test, the blade corrosion ratio shall be less than 15%.

5.7 Appearance

The blade seat or shell of the pencil sharpener shall be smooth, flat, and free from defect, crack, or obvious flaw. The blade of the pencil sharpener shall be free from rust spot, obvious pitting, or metal grinding marks.

5.8 Safety of use

5.8.1 If the pencil sharpener has functional sharp edge and a sharp tip due to the functionality, it shall provide a cautionary statement, BUT it is not allowed to have other non-functional sharp edge or sharp tip.

5.8.2 As for the metal edge which is contactable by the pencil sharpener, including holes and grooves, it shall not contain hazardous burr or oblique thin edge; BUT such burrs or edges may be folded, curled or formed curling, OR otherwise they can be protected by permanent protection pieces or coatings.

5.8.3 The end reachable by the exposed screw shall not have exposed sharp edge or burr, AND its end shall be covered by smooth nuts to make sure that the sharp edge and burr are not reachable.

6 Test method

This test uses the high-grade wood holder graphite pencil having a hardness of HB as specified in QB/T 2774-2006.

6.1 Determination of sharpening capacity

USE the pencil sharpener sharpening capacity tester, as shown in Figure 7.

- a) FIX the pencil sharpener under test in the fixture, so that it coincides with the sharpening central axis;
- b) INSTALL the pencil on the shaft fixture; INCREASE the feed force to 10 N;
- c) START the tester at the speed of not more than 60 r/min; AND after continuously sharpening 6 pencils, the wood shavings shall be contiguous;