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QB

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

QB/T 1002-2005

**Leather shoes
(English Translation)**

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Table of Contents

Introduction...	5
1 Scope...	6
2 Normative References...	6
3 Classification...	7
4 Requirements...	7
5 Test Method...	12
6 Inspection Rules...	13
7 Marking, Packaging, Transportation and Storage...	16
Appendix A (Informative) After-sale Quality Determination of Leather Shoes...	18

Foreword

On the basis of QB 1002-1997 "Vulcanized Leather Shoes", QB/T 1004-1990 "Sewing Leather Shoes" and QB/T 1005-1990 "Mould Pressing Leather Shoes", this standard integrates leather shoes manufactured with various processes into one standard.

Main revised contents of this standard include.

- Standard name;
- Extend application scope;
- Change the description method of technical requirements;
- Delete thickness recommended value of main components;
- Change the appearance quality to sensory quality. And carry out additions, deletions and modifications to some inspection items;
- Carry out adjustment to indexes of physical and mechanical properties;
- Add requirements of low temperature flexing resistance of upper materials;
- Add provision "defects which may affect wearing shall not exist" in the technical requirements;
- Change the description method of inspection rules.

Appendix A of this standard is informative.

This standard was proposed by the China National Light Industry Council.

This standard shall be under the jurisdiction of Nationwide Standardization Center of Shoemaking.

Drafting organizations of this standard. China Leather and Footwear Industry Research Institute, Jiangsu Senda Co., Ltd., Kangnai Group Co., Ltd., Shishi Fulin Shoe Industry Co., Ltd., Ligang Shoe Industry (Shenzhen) Co., Ltd., and Aokang Group Co., Ltd.

Chief drafting staffs of this standard. Yan Huaidao, Qi Xiaoxia, Zhu Xianggui, Zheng Xiukang, Lin Heping, Sheng Baijiao, and Wang Zhenquan.

The previous editions of the standard replaced by this standard are.

- QB/T 1002-1990, QB 1002-1997;
- QB/T 1003-1990;
- QB/T 1004-1990;
- QB/T 1005-1990.

From the implementation date of this standard, it shall abolish the previous light industry standard QB 1002-1997 "Glueing Leather Shoes" issue by China National Council of Light Industry. And it shall replace light industry standards QB/T 1003-1990 "Vulcanized Leather Shoes", QB/T 1004-1990 "Sewing Leather Shoes", and QB/T 1005-1990 "Mould Pressing Leather Shoes" issued by former Ministry of Light Industry.

Introduction

It has been fourteen years since the issuance and implementation of standards QB/T 1003-1990 "Vulcanized Leather Shoes", QB/T 1004-1990 "Sewing Leather Shoes" and QB/T 1005-1990 "Mould Pressing Leather Shoes". And it has been seven years since the issuance and implementation of QB 1002-1997 "Glueing Leather Shoes".

Over the years, product styles of leather shoe have been updated continuously; product quality has been continuously improved; and plenty of changes occur in raw and auxiliary materials and manufacture process. Therefore, standard revision is urgently needed in order to adapt to the industry development and product requirements. This standard integrates leather shoes manufactured with various

processes into one standard, on the basis of QB 1002-1997 "Vulcanized Leather Shoes", QB/T 1004-1990 "Sewing Leather Shoes" and QB/T 1005-1990 "Mould Pressing Leather Shoes".

Leather Shoes

1 Scope

This standard specifies the requirements, test methods, inspection rules, marking, packing, transport and storage of leather shoes manufactured with various processes.

This standard is applicable to ordinary wearing leather shoes (including boots) with upper fabric made of natural leather, artificial material, etc.

This standard is not applicable to footwear of safety, protection and specific functions.

2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. For dated reference, all subsequent amendments (excluding corrigendum content) to, or revisions of, any of these publications do not apply. However, parties that enter into an agreement according to this standard are encouraged to study whether the latest edition of these documents is applicable. For undated references, the

latest editions of the normative documents apply.

GB/T 230.1-2004 Metallic Rockwell Hardness Test-Part 1.Test Method (Scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-1. 1999, MOD)

GB/T 532-1997 Rubber Vulcanized or Thermoplastic-Determination of Adhesion to Textile Fabric (idt ISO 36.1993)

GB/T 2703-1981 Technical Terms for Leather Shoes Industry

GB/T 3293-1982 Chinese Shoe Sizing and Last Systems

GB/T 3293.1-1998 Shoes Sizes (idt ISO 9407.1991)

GB/T 3903.1-1994 General Test Method for Footwear - Test Method of Flexing Resistance

GB/T 3903.2-1994 General Test Method for Footwear - Test Method of Abrasion

Resistance

GB/T 3903.3-1994 General Test Method for Footwear - Test Method of Peeling Strength

GB/T 3903.4-1994 General Test Method for Footwear - Test Method of Hardness

GB/T 3903.5-1994 General Test Method for Footwear - Test Method of Appearance

GB/T 11413-1989 Test Method for Bond Strength of Leather Shoe Heels

QB/T 1472-1992 Flexing Index of Fiber Board for Shoes

QB/T 1646-1992 Polyurethane Synthetic Leather

QB/T 1813-2000 Test Method of Shank Longitudinal Stiffness of Leather Shoes (eqv BS 5131/4.18-1995)

QB/T 1873-2004 Upper Leather

QB/T 1917-2000 Steel Shank of Leather Shoes

QB/T 2224-1996 Technical Conditions on Flexibility at Low Temperature of Upper Materials

3 Classification

According to using objects, shoes are divided into shoes for men, women and children.

According to upper materials, shoes are divided into shoes with natural leather (top-layer leather and second-layer leather of animals such as pig, cattle and sheep) and artificial material upper.

According to manufacturing process, shoes are divided into the following categories. glueing,

sewing, mould pressing, vulcanized, injection molding, filling, etc.

4.1 General requirements

Leather shoes manufactured with various processes shall meet the following requirements.

4.1.1 Shoes sizes

It shall meet the requirements of GB/T 3293.1-1998.

4.1.2 Shoe tree dimension

It shall meet the requirements of GB/T 3293-1982.