



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

GB/T 22049-2019

**Footwear - Standard atmospheres for conditioning and testing
of footwear and components for footwear**

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB/T 22049-2008, Footwear. Standard atmospheres for conditioning and testing of footwear and components for footwear; compared with GB/T 22049-2008, the major technical changes are as follow:

- Add the normative references (see Chapter 2);
- Modify the terms and definitions (see Chapter 3, Chapter 2 of version 2008);
- Modify the description of the standard atmosphere (see Chapter 5, Chapter

4 of version 2008);

- Add the provisions of the tropical standard atmosphere (see 5.2.3).

This Standard uses the translation method that is equivalent to ISO 18454:2018, Footwear. Standard atmospheres for conditioning and testing of footwear and components for footwear.

The documents of our country that have a consistent correspondence with the international documents that are referenced in this Standard are as follows:

- QB/T 1266-2012, Fur. Physical and mechanical tests. Sample preparation and conditioning (ISO 2419:2006, MOD);

-- QB/T 2707-2018, Leather. Physical and mechanical tests. Sample preparation and conditioning (ISO 2419:2012, MOD);

305 on Footwear of Standardization Administration of China (SAC/TC 305).

The drafting organizations of this Standard: China Leather & Footwear Research Institute Co., Ltd., 361 Degrees (China) Co., Ltd.

The drafters of this Standard: Chang Wenkai, Su Lihua, Wang Peng, Chen Chen.

The previous versions of the standards which are replaced by this Standard are:

-- GB/T 22049-2008.

Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear

1 Scope

This Standard specifies the standard atmospheres for conditioning and testing the performance of footwear and components for footwear

This Standard defines two standard atmospheres for conditioning and testing of footwear and components for footwear.

2 Normative references

The following documents are indispensable for the application of this document.

For dated references, only the dated version applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

ISO 2419, Leather - Physical and mechanical tests - Sample preparation and conditioning

3 Terms and definitions

Terms and definitions determined by ISO 2419 and the following ones are applicable to this document.

The ISO and IEC standardized terminology database addresses are as follows:

-- ISO online browsing platform: <https://www.iso.org/obp>

-- IEC online browsing platform: <https://www.electropedia.org/>

3.1 Atmosphere

Ambient conditions that are defined by parameters such as temperature and relative humidity.

3.2 Standard atmosphere

The relevant parameters can be kept within the specified tolerance range; before the test, the sample is placed within the specified time.

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