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

GB/T 22517.4-2017

**Technical requirements and test methods for sports fields - Part
4: Synthetic surface for basketball**

体育场地使用要求及检验方法 第4部分：合成面层篮球场地

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Foreword

GB/T 22517 "stadium use requirements and test methods" consists of the following components.

- Part 2. Swimming venues;
 - Part 3. Baseball, softball court;
 - Part 4. Synthetic surface basketball court;
 - Part 6. Track and field venue;
 - Part 10. Squash court;
 - Part 11. Hockey venue. This section GB/T 22517 Part 4. This section drafted in accordance with GB/T 1.1-2009 given rules. This part is proposed and managed by the State Sports General Administration. This part of the drafting unit. Shandong Donghai Plastic Co., Ltd., Guangzhou Ocean Yuanheng Chemical Co., Ltd., Guangzhou City, embroidery and sports equipment limited Company, Langfang Aikang Rubber Products Co., Ltd., Shandong Novo Polyurethane Co., Ltd., Jiangsu Changnuo Sports Venue New Materials Co., Ltd. Division, Guangzhou Greensboro Sports Facilities Co., Ltd., Mayor River Chemical Group Co., Ltd., Beijing Huaan Joint Certification Testing Center Limited the company. The main drafters of this section. Pan Chaoyang, Jiajia Yu, Shi Jianhua, Faye Wong, Gray, Sun Qingfeng, Shen Zujian, Zhou Lu, Zhao Wenhai, Liu Haipeng.
- Requirements for sports venues and test methods Part 4. Synthetic surface basketball court

1 Scope

GB/T 22517.4-2017 is the Chinese national standard on technical requirements and test methods for sports fields - part 4: synthetic surface for basketball, 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 7 September 2017 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 April 2018. Classification: ICS 97.220.10, CCS Y55. 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.

GB/T 22517 provisions of this part of the synthetic surface basketball court requirements, testing methods and acceptance rules. This section applies to the synthetic surface material based basketball court.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 531.1 vulcanized rubber or thermoplastic rubber test methods into the hardness - Part 1. Shore Hardness Tester (Shore Hardness)

GB/T 2941 Rubbery physical test specimen preparation and conditioning procedures

GB/T 3512 vulcanized rubber or thermoplastic rubber hot air accelerated aging and heat test

GB/T 10654 Polymeric porous elastic materials - Determination of tensile strength and elongation at break

GB/T 19995.2-2005 Natural materials - Requirements and test methods for stadium use - Part 2. Integrated stadiums and parquet flooring site

GB/T 22517.6-2011 Requirements and test methods for the use of sports venues - Part 6. Track and field venue QB/T 2443 steel tape measure International Basketball Federation competition rules

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Synthetic surface Use polymer composite materials pavement surface.

4.1 Specification crossed

4.1.1 The marking of the venue shall comply with the requirements of the FIBA competition rules. Site size error should not exceed 10mm. Barrierless Obstacle area should not be less

than 2m.

Note. Accessible areas can also be called buffers.

4.1.2 Marking of the venue should be clear, no significant edge, the color is generally white, marking the width of the error should not be greater than 2mm.

4.2 Appearance

4.2.1 The site surface should be no cracks, no delamination.

4.2.2 Synthetic surface and foundation should be firmly bonded between the base, no hollowing.