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

GB/T 22517.12-2024

**Technical requirements and test methods for sports field - Part
12: Natural climbing venue**

体育场地使用要求及检验方法 第12部分：自然攀岩场地

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. This document is part 12 of GB/T 22517 "Requirements for the use and inspection methods of sports venues". GB/T 22517 has been published in Lower part. Part

1 Scope

GB/T 22517.12-2024 is Part 12 of the Chinese series on sports venue requirements and test methods, and covers natural climbing crags. It is an unusual object for a standard, because the venue is a cliff that nobody designed and that changes with weather and use; what can be specified is the state a crag must be in before it is opened to the public and how that state is verified. The standard sets the requirements for the rock wall itself, the climbing surface, the protection points, the fall space below the climber and the exclusion space around the route, together with other requirements on access and signage, and then the inspection methods for each of those - the rock wall, the climbing surface, the protection points, the fall space and the exclusion space - with an annex on the basic requirements, the protection points and the top rope protection system. It took effect on 23 August 2024.

This document specifies the requirements, inspection methods and rules for determining compliance for natural climbing sites. This document applies to the construction, inspection and use of natural rock climbing sites for sports competitions, training, and fitness and leisure.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies. in this document.

GB/T 10001.1 Graphic symbols for public information Part

3 Terms and definitions

The terms and definitions defined in GB 19079.4 and the following apply to this document.

3.1 natural climbing venue A climbing site that allows safe climbing using natural rock walls.

3.2 Climbing route Climbing routes The path taken by climbers up the rock face.

3.3 protection point A device installed on a climbing route to provide safety protection for climbers.

3.3.1 Top protection point A fixed protection point at the top of a climbing route.

Note. The top belay can be used for top rope or lead climbing.

3.3.2 Top master point A protection point formed by connecting two or more top protection points.

3.3.3 primary protection point A fixed protection point at the beginning of a climbing route.

3.4 Top protection system The system consisting of all top protection points, the top main

protection point (if any) and the connecting devices between them.

11 Hockey fields;- Part

12.Natural climbing sites. - Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the State General Administration of Sport. This document is under the jurisdiction of the National Sports Standardization Technical Committee (SAC/TC 456). This document was drafted by: Yangshuo County Market Supervision and Administration Bureau, China Mountaineering Association, Yangshuo Rock Climbing Association, Jiangsu Zhongzheng Testing Co., Ltd. Company, China Aviation Technology Research Institute, China 22nd Metallurgical Group Co., Ltd., Yangshuo County Culture, Radio, Television, Sports and Tourism Bureau, Beijing Institute of University of Science and Technology, Liaoning Inspection and Certification Center, Zhejiang Lixi Sports Development Co., Ltd., Beijing Huaan Joint Certification and Testing Center Co., Ltd. company. The main drafters of this document are. Mo Shaoting, Ding Xianghua, Liang Wenqiang, Pan Huanyou, Huang Mingsheng, Liu Zhao, Qian Jun, Li Wei, Huang Nan, He Chuan, Tao Lan, Ou Lianjun, Liu Haipeng, Zhao Yunzhi, Ji Qiang, Wang Yong, Lu Yanling, He Huanluo.

In order to provide technical support for the implementation of relevant national regulations and mandatory national standards, as well as the demonstration and design of various sports venues Providing a basis for design, development, maintenance, certification, etc., and establishing technical requirements for various types of sports venues is the basic task of standardization. China has always attached great importance to the formulation of standards for the use of sports venues and inspection methods. GB/T 22517 aims to establish the use requirements and verification methods for sports venues. In order to meet the needs of different sports events, one part of GB/T 22517 corresponds to a type of sports venue, and each part is relatively independent and Maintain overall consistency in structure, expression, etc. GB/T 22517 is planned to consist of 42 parts. Part

1.Wooden flooring in comprehensive sports stadiums. The purpose is to clarify the use requirements, inspection and Test methods and qualification determination rules. Part

2.Swimming venues. The purpose is to clarify the use requirements, inspection methods and qualification determination rules of swimming venues. Part

3.Baseball and softball fields. The purpose is to clarify the use requirements, inspection methods and qualification determination of baseball and softball fields. rule. Part

4.Synthetic surface basketball courts. The purpose is to clarify the use requirements, inspection methods and qualification of synthetic surface basketball courts. Determination rules. Part

5.Football Field. The purpose is to clarify the use requirements, inspection methods and

qualification judgment rules of football fields. - Part

6.Track and field venues. The purpose is to clarify the use requirements, inspection methods and qualification judgment rules of track and field venues. Part

7.Tennis courts. The purpose is to clarify the use requirements, inspection methods and qualification determination rules for tennis courts. Part

8.Sports Ice Rinks. The purpose is to clarify the use requirements, inspection methods and qualification determination rules for sports ice rinks. Part

9.Rugby Fields. The purpose is to clarify the use requirements, inspection methods and qualification judgment rules for rugby fields. Part

10.Squash courts. The purpose is to clarify the use requirements, inspection methods and qualification determination rules for squash courts. Part

11.Hockey Fields. The purpose is to clarify the use requirements, inspection methods and qualification determination rules for hockey fields. Part

12.Natural rock climbing sites. The purpose is to clarify the use requirements, inspection methods and qualification determination of natural rock climbing sites. rule. Part