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

GB/T 22517.8-2024

Replacing GB/T 19995.3-2006

**Technical requirements and test methods for sports field - Part
8: Ice rink**

体育场地使用要求及检验方法 第8部分：运动冰场

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 3.3 Ice rink temperature The air temperature at a height of
- 3.4 Ice rink humidity Relative humidity of air at a height of
- 4 General requirements and general principles
- 4.1 Appearance
- 5 Football Field; --Part
- 6 Track and field venues; --Part
- 7 Tennis courts; --Part
- 8 Sports ice rinks; --Part
- 10 Squash courts; --Part

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 8 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 22517.8-2024 is the Chinese national standard on technical requirements and test methods for sports field - part 8: ice rink, 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 23 August 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 March 2025. 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.

This document specifies the general requirements and venue specifications for sports ice rinks, describes the corresponding inspection methods, and establishes the rules for determining eligibility. This document is applicable to the use and inspection of natural material sports ice rinks for competitions, and can be used as a reference for sports ice rinks for other purposes.

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 to This document. JGJ 153-2016 Stadium lighting design and testing standards

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Ice rink Provides venue for ice activities.

3.2 ice surface temperature The temperature of the ice surface of the rink.

3.3 Ice rink temperature The air temperature at a height of

1.5 m above the ice surface.

3.4 Ice rink humidity Relative humidity of air at a height of

1.5 m above the ice surface.

3.5 Ice surface levelness The degree of height difference of the ice surface within any 3 m area of the ice rink.

4.1 Appearance

4.1.1 Ice color Unless otherwise required, the ice surface of the venue should be white.

10 Squash courts; --Part

11.Hockey Field. This document replaces GB/T 19995.3-2006 "Requirements for the use and test methods of natural material sports venues Part

3.Sports ice Compared with GB/T 19995.3-2006, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

a) The definitions of ice rink temperature and ice rink humidity have been changed (see

3.4 of GB/T 19995.3-2006);

b) The requirements for ice thickness have been changed (see 4.1.3,

4.1.3 of GB/T 19995.3-2006);

c) The requirements for the height difference of the ice surface of ice hockey venues have been changed (see 4.1.5,

4.1.5 of GB/T 19995.3-2006);

d) The requirements for ice surface temperature have been changed (see 4.2.1,

4.2.1 of GB/T 19995.3-2006);

e) The requirements for ice rink temperature have been changed (see 4.2.2,

4.2.2 of GB/T 19995.3-2006);

f) The requirements for site lighting have been changed (see 4.3,

4.4 of GB/T 19995.3-2006);