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

GB 45670.6-2026

**Norm of water intake for the service industry in the Yellow River
basin - Part 6: Outdoor artificial ski resorts**

黄河流域服务业用水定额 第6部分：室外人工滑雪场

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 6 of GB 45670 "Water Use Quotas for the Service Industry in the Yellow River Basin". GB 45670 has already published the following parts. --Part

1 Scope

GB 45670.6-2026 is the Chinese national standard covering how much water an outdoor ski resort in the basin may take to make snow - per square metre of piste and per season, in a region where artificial snow competes directly with agriculture and drinking supply. A standard that would have looked eccentric before 2015 and does not now: the winter sports build-out put snowmaking into some of China's driest provinces. Mandatory, first edition, in force since 1 August 2026. It was issued on 27 June 2026 and has been in force since 1 August 2026, as a first edition. The document is under the responsibility of the Ministry of Water Resources. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the calculation method, index values, and management requirements for mandatory water consumption quotas for outdoor artificial ski resorts in the Yellow River Basin. This document applies to existing and newly built administrative regions within the Yellow River Basin and other county-level administrative areas in the Yellow River water supply areas of provinces and autonomous regions through which the Yellow River flows. Water management for the renovation and expansion of outdoor artificial

ski resorts open to the public with a skiing area of 6,000 m² or more.

4.1 Calculation Scope

4.1.1 The calculation scope of water consumption should include the water volume taken from conventional water sources such as surface water, groundwater, and urban water supply networks, as well as reclaimed water and collected water. Water volume from unconventional water sources such as rainwater (snow) storage.

4.1.2 Water usage for outdoor artificial ski resorts should include snowmaking water for ski slopes and snow play areas, as well as water used for cleaning the ski equipment hall, flushing toilets, and offices. Use water.

4.1.3 Water used for accommodation, catering, and landscaping within outdoor artificial ski resorts should be accounted for separately and not included in the water consumption quota calculation for outdoor artificial ski resorts. Scope; the amount of water recycled is also not included in the calculation scope of water consumption quotas for outdoor artificial ski resorts.

4.2 Calculation Formula Water consumption per unit ski area is calculated using formula (1).

5. Mandatory water consumption quota values The mandatory water consumption quota for outdoor artificial ski resorts should comply with the provisions of Table

1. Water consumption for accommodation within outdoor artificial ski resorts should comply with... The provisions of GB 45670.1.

5 Higher Education Institutions; --Part

6. Outdoor Artificial Ski Resort Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Water Resources of the People's Republic of China.

According to the "Yellow River Protection Law of the People's Republic of China," the state implements a mandatory water quota management system in the Yellow River basin and formulates relevant regulations. Mandatory water use quotas for water-intensive industries and services in the Yellow River Basin. The national standard for mandatory water use quotas is used to measure water conservation in relevant industries in the Yellow River Basin. Water use levels are an important standard and a crucial tool for implementing the rigid water resource constraint system and the mandatory water use quota management system in the Yellow River Basin. This section is also an important technical basis for the country to implement the water abstraction permit system, carry out planned water use management, and conduct water resource assessments and water conservation

evaluations. GB 45670, "Water Consumption Quotas for the Service Industry in the Yellow River Basin," specifies the calculation methods based on the water consumption characteristics of different high water-consuming service industries in the Yellow River Basin. The proposed method, which stipulates mandatory water consumption quotas and sets management requirements, consists of the following six parts. --Part

1.Hotels. The purpose is to clarify the calculation methods, indicator values, and management of mandatory water consumption quotas for hotels in the Yellow River Basin. Require. --Part

2.Swimming Venues. The purpose is to clarify the calculation method and index values for mandatory water consumption quotas for swimming venues in the Yellow River Basin. and management requirements. --Part

3.Car Wash Facilities. The purpose is to clarify the calculation method and indicator values for mandatory water consumption quotas for car wash facilities in the Yellow River Basin. and management requirements. --Part

4.Bathing Facilities. The purpose is to clarify the calculation method and index values for mandatory water consumption quotas for bathing facilities in the Yellow River Basin. and management requirements. --Part

5.Higher Education Institutions. The aim is to clarify the calculation methods, indicator values, and management of mandatory water use quotas for higher education institutions in the Yellow River Basin. Require. --Part

6.Outdoor Artificial Ski Resorts. The purpose is to clarify the calculation of mandatory water consumption quotas for outdoor artificial ski resorts in the Yellow River Basin. Methods, indicator values, and management requirements. Water consumption quotas for the service industry in the Yellow River Basin Part

6 Management Requirements

6.1 A sound water intake and consumption metering system should be established, with different water volumes measured according to water source type, and water metering instruments provided for water-using units and secondary water-using units. The availability rate should reach 100%. Water metering instruments should be verified or calibrated according to regulations and meet the relevant requirements of GB/T 24789 and GB/T 28714. Requirements for the provision and calibration of measuring instruments.

6.2 Original records and statistical ledgers of water consumption should be established, and water consumption for snowmaking, cleaning of the ski equipment hall, toilet flushing, office use, etc., should be regularly recorded.

6.3 Outdoor artificial ski resorts with water intake exceeding the permitted scale should install online metering facilities and transmit the primary water meter metering data. To the

water administrative department with management authority or the Yellow River Basin management agency.

6.4 Water facilities should be inspected and maintained regularly to prevent leaks. Water balance tests should be conducted periodically and should comply with GB/T 12452. Relevant requirements.

6.5 The area of artificial snowmaking outside the ski area shall meet the requirements of GB/T 30683.

6.6 Outdoor artificial ski resorts that meet the conditions should be equipped with snowmelt and rainwater collection and utilization facilities.

6.7 When a ski slope is used as a runoff collection surface, intercepting ditches should be installed, and drainage ditches should be installed on the sides and bottom of the ski slope.

6.8 Water-saving household appliances that meet the relevant product standards should be used.

6.9 Water-saving signs should be posted in prominent locations in places where water is used, such as restrooms and office areas.

6.10 When the water consumption per unit ski area of an outdoor artificial ski resort reaches the Level 1 indicator value, it is considered that the water use efficiency has reached an advanced level.

7.Implementation of the Standard The Level 2 indicator values specified in this document shall be implemented starting from the 13th month after the date of issuance of this document. GB 45670.6-2026. Water Consumption Quotas for the Service Industry in the Yellow River Basin - Part 6. Outdoor Artificial Ski Resorts National Standards of the People's Republic of China ICS 13.020CCS P

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6.Outdoor Artificial Ski Resort Released on June 27, 2026 Implemented on August 1, 2026
State Administration for Market Regulation The State Administration for Standardization issued a statement.