

ICS 97.220.10

CCS Y 55



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

GB/T 43701-2024

Ski area-Specification for safety protection of skiing slope

滑雪场地 滑雪道安全防护规范

Issued on: March 15, 2024

Implemented on: October 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

Preface	III
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Classification and grading of ski slopes	2
5 Ski slope setting	3
5.1 Basic Requirements	3
5.2 Alpine ski slopes	3
5.3 Freestyle ski slope	3
5.4 Cross-country ski trails	3
6 Installation of safety protection facilities	3
6.1 Classification of safety protection facilities	3
6.2 Safety Net	4
6.3 Protective pad	4
6.4 Combined Application	5
7 Installation of safety facilities	5
8 Logo	5
8.1 Difficulty level and mileage markings of ski slopes	5
8.2 Safety signs	5
9 Verification Method	5

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.

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/TC456).

This document was drafted by: Institute of Sports Science of the State Sports General

Administration, Winter Sports Management Center of the State Sports General Administration, State Sports General Administration Sports Equipment Center, Beijing Xuebang Snow Industry Enterprise Management Co., Ltd., Jiangsu Zhongzheng Testing Co., Ltd., Beijing Guoti Century Quality Certification Center Co., Ltd., Shanxi Sports Development Center, Beijing Academy of Science and Technology Urban Safety and Environmental Science Institute, Hebei Province Product Quality Supervision and Inspection Institute, Gansu Winter Sports Management Center, Heilongjiang Ice and Snow Sports Vocational College.

The main drafters of this document are: Huang Xifa, Liu Chenyu, Hou Liang, Wu Bin, Yin Jinfu, Cheng Hongjun, Chen Xiaowei, Song Xueyang, Zhao Yingkui, Liu Xiaodong, Shen Baohua, Xie Yushu, Zhang Luyi, Qian Jun, Fu Jie, Song Tianpei, Fu Xuelian, Liu Jincheng, Dai Baoqian, Yang Wei, Zhang Xueqian, Hong Yang, Yang Yongsheng, Liu Guibao, Zhao Jingcheng, Zhang Rongxuan, Zhang Xiuhong, and Ge Xiaoyun.

Ski slope safety protection specifications

1 Scope

This document stipulates the classification and grading of ski slopes, the setting of ski slopes, the setting of safety protection facilities, the setting of safety protection facilities, Describes the verification method.

This document applies to the setting up, management and maintenance of ski slope safety in ski resorts open to the public.

This document does not apply to dry ski slopes and ski simulators.

2 Normative references

GB 12352

GB 19079.6

GB/T 21714.1

GB/T 40232

GB/T 43702

GB/T 43703

GB 50057

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 ski slope

A dedicated skiing area for skiing.

[Source. GB 19079.6-2013, 3.4, modified]

3.2 alpine ski slope

There is a certain height difference and the terrain is relatively flat, which is suitable for skiers to use skis, snowshoes, bindings and ski poles as the main equipment to do slalom skiing. Ski trails.

3.3 Freestyle ski slope freestyle skis slope

On the flat ski slope, certain shapes or obstacles are set up, which are suitable for skiers who use double or single skis as the main Free-ride ski slopes.

Note. Freestyle ski slopes include terrain parks, popular mushroom slopes, halfpipes, wave slopes, etc.

3.4 Stop zone

The ski stop area at the end of the ski slope.