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

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**Requirements of use and test methods for snow-making
machines in ski area**

滑雪场造雪机使用要求及检验方法

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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.

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 was prepared by the National Technical Committee for Standardization of Refrigeration and Air Conditioning Equipment (SAC/TC238) and the National Technical Committee for Standardization of Sports Equipment (SAC/TC456) jointly under the jurisdiction of the Commission.

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Requirements and inspection methods for snowmaking machines in ski resorts

1 Scope

This document defines the terms and definitions of snow guns for ski resorts, specifies the requirements for their use, describes the corresponding test methods, and provides the management of their use. Explanation.

This document applies to the use and inspection of snowmaking machines that use nozzle atomization to achieve snowmaking.

2 Normative references

GB/T 2423.1-2008

GB/T 2423.2-2008

GB/T 2423.5-2019

GB/T 2423.10-2019

GB 3838-2002

GB/T 4208

GB/T 28591-2012

GB/T 40232-2021

GB/T 43700-2024

3 Terms and definitions

The terms and definitions defined in JB/T 14848 and the following apply to this document.

3.1 ski area

A place open to the public that can accommodate people's skiing-related training, competition, fitness and leisure activities.

[Source. GB 19079.6-2013, 3.1]

3.2 Snow-making machines

Specialized equipment that converts snowmaking water into artificial snow.

3.3 Snow production

Q_{snow} The amount of snow delivered into a space by a snow gun per unit time.

Note. The unit is cubic meter per hour (m³/h).

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