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Rental ski shop practice — Sampling and inspection of complete and incomplete alpine ski-binding-boot systems in rental applications

Pratique pour la location dans les commerces de matériel de ski — Échantillonnage et contrôle des ensembles complets ou incomplets ski/fixation/chaussure dans les applications de location

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 83, *Sports and other recreational facilities and equipment*, Subcommittee SC 4, *Snowsports equipment*.

This second edition cancels and replaces the first edition (ISO 13993:2001), which has been technically revised.

The main changes compared to the previous edition are as follows:

a) the range classes are presented in a new Clause 4;

b) a new Clause 5 has been added with summary of practice;

c) the difference between preseason inspection and in-season inspection has been clarified (see Clause 6);

d) a new simplified pre-season inspection has been added for certain combinations of equipment in the inventory where at least one component is unused (see 6.1);

e) sampling requirements have been specified in Clause 7;

f) the test for elastic travel and recentring in A.1.1 has been simplified;

g) a new Annex B has been added for range class I deviations and sample sizes;

h) terms and definitions in Clause 3 have been revised and new terms have been added where appropriate;

i) normative references in Clause 2 have been updated;

j) the text has been editorially revised.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document is intended to provide guidelines for performing functional inspections and adjustments of alpine ski-binding-boot systems. Adhering to these guidelines may help to reduce the risk of injuries resulting from improper mechanical functioning of releasable binding systems. However, skiing involves inherent and other risks. Injury can result from simply falling down, impact with an object or from many other actions. Many injuries are unrelated to binding function. Furthermore, even a properly functioning binding cannot release under all injury-producing loads. Therefore, it is clarified that compliance with these guidelines in no way guarantees that injury can be prevented.