
**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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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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.

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

1 Scope

This document specifies a uniform method for the sampling and inspection of complete and incomplete alpine ski-binding-boot systems used in rental operations.

This document is intended for any facility which rents complete and incomplete alpine ski-binding-boot systems as for example when the skier owns the boots.

This document is not applicable for alpine touring ski-binding-boot systems.

This document is not applicable for complete and incomplete alpine ski-binding-boot systems which are rented for 15 days or more.

NOTE 1 A period of less than 15 days is common for equipment being rented.

NOTE 2 ISO 11088 gives a method for testing if the equipment is owned or rented for 15 days or more.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5355, *Alpine ski-boots — Requirements and test methods*

ISO 11088:2018, *Alpine ski/binding/boot (S-B-B) system — Assembly, adjustment and inspection*

ISO 11110, *Winter-sports equipment — Test devices for the setting of the functional unit ski/boot/binding — Requirements and tests*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

system

<alpine ski> one ski, one boot and one binding, designed to perform a retention and a release function

3.2

complete ski-binding-boot-system

ski-binding-boot-system where all the components are provided by the rental facility

3.3

incomplete ski-binding-boot system

ski-binding-boot system where some components (boot or ski/binding) are owned by the customer