

First edition 2022-11

Inflatable play equipment —

Part 1:

Safety requirements and test methods



ISO 20187-1:2022(E)

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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 (see www.iso.org/directives).

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This document was prepared by the European Committee for Standardization (CEN), Technical Committee CEN/TC 136, *Sports, playground and other recreational equipment* (as EN 14960-1:2019) and drafted in accordance with its editorial rules. It was assigned to Technical Committee ISO/TC 83, *Sports and other recreational facilities and equipment* and adopted, without modification other than those given below, under the "fast-track procedure":

- references to EN documents were replaced with their equivalent ISO standards;
- minor editorial amendments.

This first edition of ISO 20187-1, together with ISO 20187-2 and ISO 20187-3, cancels and replaces ISO 20187:2016, which has been technically revised.

The main changes are as follows:

- changes with regard to inflatables sited on hard standing;
- minor editing to improve the content accuracy of the document.

A list of all parts in the ISO 20187 series can be found on the ISO website.

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

Play is the means by which children discover and understand the world in which they live and is an essential element in a child's physical and mental growth.

It is important for children's rounded development that, through play, they arrive at an understanding of danger, which provides a basis for assessing safety in a variety of situations. The balance between challenge and safety is an important consideration.

The inflatable play equipment referred to in this standard can provide different levels of challenge and excitement. This European Standard aims to minimize the level of risk and the possibility of serious injury while allowing children to enjoy themselves when playing in or on inflatable equipment.

This standard acknowledges the difficulties of addressing safety issues by age criteria alone because the ability to handle risk is based on the individual user's level of skill and not age. Moreover, users other than the intended age range will make use of the inflatable equipment, in which case, the provisions of this standard still apply.

It is not the purpose of the requirements of this standard to affect a child's need to play nor to lessen the contribution that inflatable play equipment makes either to the child's development or meaningful play from an educational point of view.

Where inflatable play equipment is combined with other items of children's playground equipment, the relevant standards applying to the other items of equipment should also be consulted.