

Swimming pool equipment - Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13451-10:2018 sisaldab Euroopa standardi EN 13451-10:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 13451-10:2018 consists of the English text of the European standard EN 13451-10:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

**Swimming pool equipment - Part 10: Additional specific
safety requirements and test methods for diving platforms,
diving springboards and associated equipment**

Équipement de piscine - Partie 10 : Exigences de
sécurité et méthodes d'essai complémentaires propres
aux plates-formes de plongeon, aux plongeurs et à
l'équipement associé

Schwimmbadgeräte - Teil 10: Zusätzliche besondere
sicherheitstechnische Anforderungen und
Prüfverfahren für Sprungplattformen, Sprungbretter
und zugehörige Geräte

This European Standard was approved by CEN on 6 May 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 13451-10:2018) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13451-10:2014.

In relation to EN 13451-10 the following main amendments have been made:

- a) the values in Tables 2 and 4 have been compared with and where required revised according to the values of the current FINA Table;
- b) clause on stepladders for diving facilities revised (4.4.2);
- c) clause on safety barriers revised (4.5);
- d) clause on slip resistance revised (4.6);
- e) Adding informative Annex regarding A-Deviation from Estonia.

This document includes an A-Deviation from Estonia.

The EN 13451 series, *Swimming pool equipment* consists of the following parts:

- Part 1: *General safety requirements and test methods*
- Part 2: *Additional specific safety requirements and test methods for ladders, stepladders and handle bends*
- Part 3: *Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features*
- Part 4: *Additional specific safety requirements and test methods for starting platforms*
- Part 5: *Additional specific safety requirements and test methods for lane lines and dividing line*
- Part 6: *Additional specific safety requirements and test methods for turning boards*
- Part 7: *Additional specific safety requirements and test methods for water polo goals*
- Part 10: *Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment*
- Part 11: *Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads*

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Diving is a voluntary movement into water with arms and head entering the water first or a voluntary movement into water with feet entering the water first while performing acrobatics.

There can be additional requirements for purposes such as competition swimming, and advice should be sought from the governing body of the sport in question (see [1] and [2]).

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1 Scope

This part of the EN 13451 series specifies safety requirements for diving platforms, diving springboards and associated equipment in addition to the general safety requirements of EN 13451-1 and is meant to be read in conjunction with it.

The requirements of this part of the EN 13451 series take priority over those in EN 13451-1.

This part of the EN 13451 series is applicable to platforms and springboards, and associated equipment for use in classified swimming pools as specified in EN 15288-1 and EN 15288-2.

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.

EN 13451-1:2011+A1:2016, *Swimming pool equipment — Part 1: General safety requirements and test methods*

EN 13451-3, *Swimming pool equipment — Part 3: Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features*

EN 22768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13451-1:2011+A1:2016 and the following apply.

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

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

3.1

diving facility

installation designed to provide the opportunity of diving

3.2

diving platform

raised rigid horizontal platform, protruding over the water, intended for diving

3.3

diving springboard type 1

raised flexible board, installed at a height $1,0 \text{ m} \leq h \leq 3,05 \text{ m}$ above water level and protruding over the water, intended for diving

3.4

diving springboard type 2

raised flexible board, which can be permanently installed or portable, with a height $< 1,0 \text{ m}$ from water level and protruding over the water, intended for recreational diving