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Irish Standard
I.S. EN 13451-10:2014

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

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13451-10

January 2014

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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, plongeoirs et à l'équipement associé

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

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Foreword

This document (EN 13451-10:2014) 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of an identical text or by endorsement, at the latest by July 2014, and conflicting national standards shall be withdrawn at the latest by July 2014.

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

This document supersedes EN 13451-10:2004.

In relation to EN 13451-10:2004, the following significant changes have been made:

a) an introduction has been added;

b) the scope has been amended by referring to EN 15288-1 and EN 15288-2;

c) normative references have been updated;

d) dimensions of diving platform facilities have been revised;

e) dimensions of diving springboard facilities have been revised;

f) figures have been updated and revised;

g) Annex A “Dimensional requirements of FINA, abstract from FINA 2003-2005 Handbook” has been deleted;

h) a bibliography has been added.

EN 13451, *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;*

— *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;*

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— *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 organizations 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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

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

This part of EN 13451 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, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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, *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 and the following apply.

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 m ≤ h ≤ 3,05 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 m from water level and protruding over the water, intended for recreational diving

3.5
plummet line
vertical line extending through the centre of the front edge of a platform or springboard

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