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Irish Standard
I.S. EN 13451-11:2014

Swimming pool equipment - Part 11: Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13451-11

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English Version

Swimming pool equipment - Part 11: Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads

Équipement de piscine - Partie 11: Exigences de sécurité et méthodes d'essai complémentaires propres aux fonds de bassins mobiles et cloisons mobiles

Schwimmbadgeräte - Teil 11: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für höhenverstellbare Zwischenböden und bewegliche Beckenabtrennungen

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Foreword

This document (EN 13451-11:2014) 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of an identical text or by endorsement, at the latest by July 2014, and conflicting national standards shall be withdrawn at the latest by July 2014.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 13451-11:2004.

In relation to EN 13451-11:2004, the following significant changes have been made:

a) normative references have been updated;

b) requirements for the recessed ledges and steps have been modified;

c) safety requirements for the prevention of interference with the circulation system have been added;

d) width of the walkable area behind the starting platform has been changed;

e) test procedure for rigid closure devices has been modified.

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;*

— *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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1 Scope

This part of EN 13451 specifies safety requirements for moveable pool floors and moveable bulkheads 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 manufactured moveable pool floors and moveable bulkheads 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 13451-4:2001, *Swimming pool equipment - Part 4: Additional specific safety requirements and test methods for starting platforms*

EN 13451-5:2001, *Swimming pool equipment - Part 5: Additional specific safety requirements and test methods for lane lines*

EN 13451-10, *Swimming pool equipment - Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment*

EN 60947-5-5, *Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (IEC 60947-5-5)*

EN ISO 12100, *Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100)*

EN ISO 13850, *Safety of machinery - Emergency stop - Principles for design (ISO 13850)*

EN ISO 13857, *Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857)*

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
moveable pool floor
adjustable floor designed to change the water depth of the pool

3.2
open side of a moveable pool floor
open side of a moveable floor not moving alongside a pool wall

3.3
water depth
usable depth measured between water surface and the upper surface of a moveable floor

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