

Swimming pool equipment —

Part 3: Additional specific safety requirements and test methods for pool fittings for water treatment purposes

The European Standard EN 13451-3:2001 has the status of a
British Standard

ICS 97.220.10

National foreword

This British Standard is the official English language version of EN 13451-3:2001.

The UK participation in its preparation was entrusted by Technical Committee SW/136, Sports and playground equipment, to Subcommittee SW/136/8, Swimming pool equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 April 2001

Summary of pages

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English version

Swimming pool equipment - Part 3: Additional specific safety requirements and test methods for pool fittings for water treatment purposes

Équipement de piscine - Partie 3: Exigences de sécurité et méthodes d'essai complémentaires spécifiques aux équipements de traitement de l'eau

Schwimmbadgeräte - Teil 3: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für Flansche und Auslässe

This European Standard was approved by CEN on 13 January 2001.

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 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 Management Centre has the same status as the official versions.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational 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 August 2001, and conflicting national standards shall be withdrawn at the latest by August 2001.

The European Standard EN 13451 "Swimming pool equipment" consists of

- 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 equipment for water treatment purposes
- 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 8: Additional specific safety requirements and test methods for leisure water features
- Part 9: Safety signs
- 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This part of EN 13451 specifies safety requirements for pool fittings for water treatment purposes in addition to the general safety requirements of EN 13451-1:2001.

The requirements of this specific standard take priority over those in EN 13451-1:2001.

This part of EN 13451:2001 is applicable to manufactured pool equipment designed for the introduction and/or extraction of water treatment purposes.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 13451-1:2001

Swimming pool equipment – Part 1: General safety requirements and test methods

EN 22768-1

General tolerances – Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1 : 1989)

3 Terms and definitions

For the purposes of this standard the terms and definitions of EN 13451-1:2001 and the following apply:

3.1 floor water inlets: A device fitted at the end of a pipe, designed to be installed into the pool floor for introducing water or to cover a channel.

3.2 wall water inlets: A device fitted at the end of a pipe, designed to be installed into the pool wall for introducing water.

3.3 floor water outlets: A device fitted to the end of a pipe designed to be installed into the pool floor for the extraction of water, by gravity or by suction.

3.4 wall water outlets: A device fitted at the end of a pipe, designed to be installed into the pool wall for the extraction of water, by gravity or by suction.

3.5 bottom drain: A device fitted to the end of a pipe, designed to be installed into the pool floor for draining/emptying the pool, by gravity or by suction.

3.6 skimmer: A device fitted to the end of a pipe, situated on the pool perimeter, designed to skim the water surface by extraction of the uppermost layer of water only, by means of a floating door, and return of water to the filtration system.

3.7 overflow channel: A channel located along the water line of the pool, designed to skim the water surface under gravity.

3.8 grid: A component to cover an overflow channel or an opening, designed to allow the passage of water.