

## **Swimming pool equipment - Part 5: Additional specific safety requirements and test methods for lane lines**

Swimming pool equipment - Part 5: Additional  
specific safety requirements and test methods for  
lane lines

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13451-5:2001 sisaldab Euroopa standardi EN 13451-5:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.10.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13451-5:2001 consists of the English text of the European standard EN 13451-5:2001.</p> <p>This document is endorsed on 19.10.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

<p><b>Käsitlusala:</b> This standard specifies safety requirements for lane lines in addition to the general safety requirements of EN 13451-1:2001.</p>	<p><b>Scope:</b> This standard specifies safety requirements for lane lines in addition to the general safety requirements of EN 13451-1:2001.</p>
--	--

**ICS** 97.220.10

**Võtmesõnad:**

**English version**

**Swimming pool equipment**

**Part 5: Additional specific safety requirements and test methods  
for lane lines**

Equipped de piscine – Partie 5:  
Exigences de sécurité et méthodes  
d'essai complémentaires spécifiques  
aux lignes de nage

Schwimmbadgeräte – Teil 5: Zusätzli-  
che besondere sicherheitstechnische  
Anforderungen und Prüfverfahren für  
Schwimmbahnleinen

This European Standard was approved by CEN on 2001-01-13.

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.

The European Standards exist 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.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Management Centre: rue de Stassart 36, B-1050 Brussels**

## Contents

	Page		Page
<b>Foreword</b>	2	4.3 Tensioning device	3
<b>1 Scope</b>	3	4.4 Safety link	3
<b>2 Normative references</b>	3	4.5 Entrapment	3
<b>3 Terms and definitions</b>	3	4.6 Crushing	4
<b>4 Safety requirements</b>	3	4.7 Buoyancy	4
4.1 Design	3	4.8 Safe operation	4
4.2 Structural integrity	3	<b>5 Test methods</b>	4
		<b>Annex A</b> (informative) Requirements of FINA	4

## 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

Annex A is informative.

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.