This document is a preview generated by EVS

Ice skates - Safety requirements and test methods

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15638:2009 sisaldab Euroopa standardi EN 15638:2009 ingliskeelset teksti.	This Estonian standard EVS-EN 15638:2009 consists of the English text of the European standard EN 15638:2009.
Standard on kinnitatud Eesti Standardikeskuse 29.05.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 29.05.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 08.04.2009.	Date of Availability of the European standard text 08.04.2009.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

This document is a preview generated by EVS

ICS 97.220.20

Võtmesõnad:

Standardite reprodutseerimis- ja levitamisõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: 605 5050; E-mail: info@evs.ee

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 15638

April 2009

ICS 97.220.20

English Version

Ice skates - Safety requirements and test methods

Patins à glace - Exigences de sécurité et méthodes d'essai

Eislaufkomplets - Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 5 March 2009.

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 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 Management Centre has the same status as the official versions.

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

This document is a preview generated by EVS

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2009 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 15638:2009: E

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Design 6
4.1 General 6
4.2 Requirements for design 6
4.2.1 Connection of the runner to the boot 6
4.2.2 Attachment of the blade in the blade holder 6
4.2.3 Linearity of the runner 6
4.2.4 Position of the runner 7
4.2.5 Impact resistance 7
4.2.6 Surface condition 7
4.2.7 Condition of the blade 7

5 Testing 8
5.1 General 8
5.2 Test specimen 8
5.3 Last 8
5.4 Connection of the runner to the boot 8
5.5 Resistance against impact loads 9
5.5.1 Conditioning 9
5.5.2 Lateral impact onto the blade 9
5.5.3 Frontal impact onto the blade tip and end 10
5.6 Hardness of the runner 11

6 Marking 11

7 Information supplied by the manufacturer 11
7.1 General 11
7.2 Contents 12
7.2.1 General 12
7.2.2 Information about the construction of the ice skate 12
7.2.3 Instructions for use 12
7.2.4 Servicing and maintenance instructions 12

This document is a preview generated by EVS

Foreword

This document (EN 15638:2009) 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 October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

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.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

This document is a preview generated by EVS

Introduction

When elaborating this document, it was assumed that dimensions cannot be specified for the functional grinding of the blade mentioned in 4.2.7.2, as they depend on the use the ice skates are intended for and differ from user to user.

This document is a preview generated by EVS

1 Scope

This standard applies to ice skates intended for users with a body mass up to 100 kg for ice skating excluding the field of sports competitions.

It specifies the minimum safety requirements for ice skates as well as requirements for test methods, marking and information supplied by the manufacturer to reduce the risk of injuries to both third parties and the user during their normal use.

2 Normative references

The following referenced documents are indispensable for the application 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 ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T) (ISO 6508-1:2005)*

This document is a preview generated by EVS