

ISBN 978-0-626-23963-3

SANS 50353-1:2003

Edition 2

EN 353-1:2002

Edition 2

SOUTH AFRICAN NATIONAL STANDARD

Personal protective equipment against falls from a height — Guided type fall arresters including a rigid anchor line

This national standard is the identical implementation of EN 353-1:2002 and is adopted with the permission of CEN, rue de Stassart 36, B-1050 Brussels.

Published by SABS Standards Division
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001
Tel: +27 12 428 7911 Fax: +27 12 344 1568
www.sabs.co.za
© SABS

SABS

SANS 50353-1:2003

Edition 2

EN 353-1:2002

Edition 2

Table of changes

Change No.	Date	Scope

National foreword

This South African standard was approved by National Committee SABS SC 94A, *Personal protective equipment – Industrial body belts, fall arrest systems and industrial rope access*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This edition cancels and replaces the first edition (SABS EN 353-1:1992).

**Reaffirmed and reprinted in April 2010.
This standard will be reviewed every 5 years and
either be reaffirmed, amended, revised or withdrawn.**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 353-1

May 2002

ICS 13.340.99

Supersedes EN 353-1:1992

English version

Personal protective equipment against falls from a height - Part 1: Guided type fall arresters including a rigid anchor line

Équipement de protection individuelle contre les chutes de hauteur - Partie 1: Antichutes mobiles incluant un support d'assurance rigide

Persönliche Schutzausrüstungen gegen Absturz - Mitlaufende Auffanggeräte einschließlich fester Führung

This European Standard was approved by CEN on 12 March 2002.

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.

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



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

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

Contents

	page
Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Requirements	5
4.1 Design and ergonomics	5
4.2 Materials and construction	5
4.3 Locking	6
4.3.1 Locking after conditioning.....	6
4.3.2 Locking after optional conditioning.....	6
4.4 Static strength.....	6
4.5 Dynamic performance	6
4.6 Corrosion resistance	6
4.7 Marking and information	6
5 Test methods.....	7
5.1 Locking test after conditioning	7
5.1.1 Apparatus	7
5.1.2 Method	7
5.2 Static strength test	7
5.2.1 Apparatus	7
5.2.2 Method	7
5.3 Dynamic performance test.....	7
5.3.1 Apparatus	7
5.3.2 Method	7
5.4 Corrosion test.....	7
6 Marking	8
7 Information supplied by the manufacturer.....	8
8 Packaging	9
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives	10
Bibliography	11

Foreword

This document EN 353-1:2002 has been prepared by Technical Committee CEN/TC 160 "Protection against falls from a height including working belts", 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 November 2002, and conflicting national standards shall be withdrawn at the latest by November 2002.

This document supersedes EN 353-1:1992. This new edition contains the old text of the standard and incorporates some urgent amendments that are intended to give additional information and clarify inconsistencies. A comprehensive revision of the standard will follow at a later stage.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.