

**Kõrgelt kukumise isikukaitsevahendid.
Istmerakmed**

Personal protective equipment for prevention of falls
from a height - Sit harnesses

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 813:1999 sisaldab Euroopa standardi EN 813:1997 ingliskeelset teksti.	This Estonian standard EVS-EN 813:1999 consists of the English text of the European standard EN 813:1997.
Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

Käsitlusala: See standard esitab nõuded, katsemeetodid, märgistuse ja kasutusõpetuse istmerakmete tarvis, mida kasutatakse töötamisasendi fikseerimisel ja piiravates süsteemides, kus on tarvilik madal kinnituspunkt. Istmerakmed ei sobi kukkumise peatamiseks.	Scope:
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ICS 13.340.99

Võtmesõnad: eristuskiri, individuaalkaitsevahendid, katsed, kukkumiskaitse, kõrgus, märgistus, ohutusrakmed, ohutusvahendid, pakkimine, projekteerimine, tähistus, valmistamine, õnnetuste vältimine

ICS 13.340.20

Descriptors: Personal protective equipment, sit harnesses.

English version

**Personal protective equipment for prevention
of falls from a height
Sit harnesses**

Équipement de protection individuelle
pour la prévention contre les chutes de
hauteur – Ceintures à cuissardes

Persönliche Schutzausrüstung zur
Verhinderung von Abstürzen – Sitzgurte

This European Standard was approved by CEN on 1997-01-11.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

CEN

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

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Foreword

This European Standard 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 August 1997, and conflicting national standards shall be withdrawn at the latest by August 1997.

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

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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies requirements, testing, marking and instructions for use of sit harnesses for use in work positioning and restraint systems, where a low point of attachment is required. Sit harnesses are not suitable to be used for fall arrest 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.

- EN 358 Personal equipment for work positioning and prevention of falls from a height - Work positioning systems
- EN 364:1992 Personal protective equipment against falls from a height - Test methods
- EN 365 Personal protective equipment against falls from a height - General requirements for instructions for use and for marking
- EN 892 Mountaineering equipment - Dynamic mountaineering ropes - Safety requirements and test methods

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1 Element

A part of a component or a sub-system. Ropes, webbing, attachment elements, fittings and anchorage lines are examples of elements. [EN 363:1992]

3.2 Component

A part of a system at a point of sale by the manufacturer, supplied with packaging, marking and instructions for use. Body supports and lanyards are examples of components of systems. [EN 363:1992]

3.3 Sit harness fastening and adjustment element

Any device which enables the sit harness to be fastened and allows adjustment to be made to the sit harness to meet the fitting requirements of the wearer. Examples are buckles.

3.4 Sit harness attachment element

Those parts of the sit harness intended for the load bearing connection to other components.

3.5 Sit harness

An arrangement of straps, fittings and buckles or other elements in the form of a waist belt with a low attachment element and connecting support encircling each leg suitably arranged to support the body of a conscious person in a sitting position. Sit harnesses may be fitted with shoulder straps and/or may be incorporated into a garment. Examples of the arrangements are shown in figure 1.

Note: A sit harness may be an element of a full body harness complying with EN 361.