

# **SLOVENSKI STANDARD**

## **SIST EN ISO 11111-4:2005**

**01-maj-2005**

**BUKca Yý U**  
**SIST EN ISO 11111:2000**

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**Tekstilni stroji – Varnostne zahteve – 4. del: Stroji za obdelavo preje ter izdelavo sukanca in vrvi (ISO 11111-4:2005)**

Textile machinery - Safety requirements - Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 11111-4:2005)

Textilmaschinen - Sicherheitsanforderungen - Teil 4: Garnverarbeitungs-, Seilereiwaren- und Seilereimaschinen (ISO 11111-4:2005)

Matériel pour l'industrie textile - Exigences de sécurité - Partie 4: Machines de transformation du fil et machines de production de cordages et d'articles de corderie (ISO 11111-4:2005)

**Ta slovenski standard je istoveten z: EN ISO 11111-4:2005**

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**ICS:**

59.120.99      Drugi tekstilni stroji      Other textile machinery

**SIST EN ISO 11111-4:2005**      **en**

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English version

Textile machinery - Safety requirements - Part 4: Yarn  
processing, cordage and rope manufacturing machinery (ISO  
11111-4:2005)

Matériel pour l'industrie textile - Exigences de sécurité -  
Partie 4: Machines de transformation du fil et machines de  
production de cordages et d'articles de corderie (ISO  
11111-4:2005)

Textilmaschinen - Sicherheitsanforderungen - Teil 4:  
Garnverarbeitungs-, Seilereiwaren- und Seilereimaschinen  
(ISO 11111-4:2005)

This European Standard was approved by CEN on 21 January 2005.

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.

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 Central Secretariat has the same status as the official versions.

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



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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN ISO 11111-4:2005) has been prepared by Technical Committee ISO/TC 72 "Textile machinery and machinery for dry-cleaning and industrial laundering" in collaboration with Technical Committee CEN/TC 214 "Textile machinery and machinery for dry-cleaning and industrial laundry", the secretariat of which is held by SNV.

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 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

This document supersedes EN ISO 11111:1995.

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

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The text of ISO 11111-4:2005 has been approved by CEN as EN ISO 11111-4:2005 without any modifications.

NOTE Normative references to International Standards are listed in annex ZA (normative).

**ANNEX ZA**  
(normative)

**List of ISO standards and corresponding EN Standards**

ISO	Corresponding to
ISO 9902-1	EN ISO 9902-1
ISO 9902-4	EN ISO 9902-4
ISO 11111-1:2004	EN ISO 11111-1:2005
ISO 11111-2:2004	EN ISO 11111-2:2005
ISO 13849-1:1999	EN 954-1:1996
ISO 13852:1996	EN 294:1992
ISO 13854:1996	EN 349:1993
ISO 14119:1998	EN 1088:1995
—	EN 1760-2
—	EN 1760-3:2004

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**ANNEX ZB**  
(informative)

**Relationship between this European Standard and the Essential  
Requirements of EU Directive 98/37/EC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means to conforming to Essential Requirements of the New Approach Directive Machinery Directive 98/37/EC amended by Directive 98/79/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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**Textile machinery — Safety  
requirements —**

**Part 4:  
Yarn processing, cordage and rope  
manufacturing machinery**

**iTeh STANDARD PREVIEW** *Matériel pour l'industrie textile — Exigences de sécurité —*

**(standards.iteh.ai)** *Partie 4: Machines de transformation du fil et machines de production  
de cordages et d'articles de corderie*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11111-4 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 8, *Safety requirements for textile machinery*.

This first edition of ISO 11111-4, together with ISO 11111-1, ISO 11111-2, ISO 11111-3, ISO 11111-5, ISO 11111-6 and ISO 11111-7, cancels and replaces ISO 11111:1995, which has been technically revised.

ISO 11111 consists of the following parts, under the general title *Textile machinery — Safety requirements*:

- *Part 1: Common requirements*
- *Part 2: Spinning preparatory and spinning machines*
- *Part 3: Nonwoven machinery*
- *Part 4: Yarn processing, cordage and rope manufacturing machinery*
- *Part 5: Preparatory machinery to weaving and knitting*
- *Part 6: Fabric manufacturing machinery*
- *Part 7: Dyeing and finishing machinery*

## Introduction

ISO 11111-1 to ISO 11111-7 were prepared simultaneously by ISO/TC 72 and CEN/TC 214 and adopted under the Vienna Agreement in order to obtain identical standards on technical safety requirements for the design and construction of textile machinery.

ISO 11111 as a whole is intended for use by any person concerned with the safety of textile machinery, for example, textile machinery designers, manufacturers, and systems integrators. It is also of interest to users of textile machines and safety experts.

This document is a type C standard as stated in ISO 12100-1. The various parts of ISO 11111 deal with significant hazards generated by machines used in the textile industry. The machinery concerned and the extent to which hazards are covered are indicated in the scope of this standard.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence.

For hazards of machines or machine elements under consideration not dealt with in the relevant part of ISO 11111, the designer is to perform a risk assessment according to ISO 14121 and evolve means for reducing the risk from significant hazards.

This part of ISO 11111 is intended to be used in conjunction with ISO 11111-1. As far as possible, the requirements of this part of ISO 11111 are treated by way of reference to Clauses 5 and 6 of ISO 11111-1. Clause 5 of ISO 11111-1 contains safety requirements and/or measures for frequently occurring hazards of textile machinery which apply whenever referred to in this part of ISO 11111, while Clause 6 describes significant hazards and corresponding safety requirements and/or measures for certain machine elements and their combinations (e.g. rollers), which also apply wherever referred to in this part of ISO 11111.