

SLOVENSKI STANDARD **oSIST prEN ISO 14116:2011**

01-junij-2011

Varovalna obleka - Zaščita pred učinki toplote in plamena - Materiali, kombinacije materialov in oblačila z omejeno stopnjo gorljivosti (ISO/DIS 14116:2011)

Protective clothing - Protection against heat and flame - Limited flame spread materials, material assemblies and clothing (ISO/DIS 14116:2011)

Schutzkleidung - Schutz gegen Hitze und Flammen - Materialien, Materialkombinationen und Kleidung mit begrenzter Flammenausbreitung (ISO/DIS/14116:2011)

Vêtements de protection - Protection contre la chaleur et les flammes - Matériaux, assemblages de matériaux et vêtements à propagation de flamme limitée (ISO/DIS 14116:2011) https://standards.iteh.ai/catalog/standards/sist/61983252-7428-40c7-

8d51-c8c410c4ff99/osist-pren-iso-14116-2013

Ta slovenski standard je istoveten z: **prEN ISO 14116**

ICS:

13.220.40 Sposobnost vžiga in Ignitability and burning obnašanje materialov in behaviour of materials and proizvodov pri gorenju products Varovalna obleka 13.340.10 Protective clothing

oSIST prEN ISO 14116:2011 en,fr,de **oSIST prEN ISO 14116:2011**

iTeh STANDARD PREVIEW (standards.iteh.ai)

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

DRAFT prEN ISO 14116

March 2011

ICS 13.340.10

Will supersede EN ISO 14116:2008

English Version

Protective clothing - Protection against heat and flame - Limited flame spread materials, material assemblies and clothing (ISO/DIS 14116:2011)

Vêtements de protection - Protection contre la chaleur et les flammes - Matériaux, assemblages de matériaux et vêtements à propagation de flamme limitée (ISO/DIS 14116:2011)

Schutzkleidung - Schutz gegen Hitze und Flammen -Materialien, Materialkombinationen und Kleidung mit begrenzter Flammenausbreitung (ISO/DIS 14116:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 162.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions of the centre has the same status as the official versions of the centre has the same status as the official versions of the centre has the same status as the official versions of the centre has the same status as the official versions of the centre has the same status as the official versions of the centre has the cen

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

prEN ISO 14116:2011 (E)

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iTeh STANDARD PREVIEW (standards.iteh.ai)

prEN ISO 14116:2011 (E)

Foreword

This document (prEN ISO 14116:2011) has been prepared by Technical Committee CEN/TC 162 "Protective clothing including hand and arm protection and lifejackets" the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

This document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 14116:2008.

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).

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DRAFT INTERNATIONAL STANDARD ISO/DIS 14116

ISO/TC 94/SC 13 Secretariat: SNV

Voting begins on Voting terminates on

2011-03-24 2011-08-24

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Protective clothing — Protection against heat and flame — Limited flame spread materials, material assemblies and clothing

Vêtements de protection — Protection contre la chaleur et les flammes — Matériaux, assemblages de matériaux et vêtements à propagation de flamme limitée

[Revision of first edition (ISO 14116:2008) and ISO 14116:2008/Cor.1:2009]

ICS 13.340.10

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the European Committee for Standardization (CEN), and processed under the CEN-lead mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.

Conformément aux dispositions de la Résolution du Conseil 15/1993, ce document est distribué en version anglaise seulement.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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ISO/DIS 14116

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ISO/DIS 14116

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 14116 was prepared by Technical Committee ISO/TC 94, Personal safety -- Protective clothing and equipment, Subcommittee SC 13, Protective clothing.

ISO 14116:XXXX supersedes ISO 14116:2008, which has been technically revised to include:

- a) include test procedure for dry-cleaning in normative references;
- b) include test procedure for non-woven materials in normative references;
- c) modify clause in design requirements regarding garment overlaps; 116-2013
- d) modify pretreatment clause to include requirements for single use garments;
- e) modify clause for ageing due to washing (maximum number of cleaning procedures as indicated by the manufacturer);
- f) include requirement for dimensional stability, including procedure when measuring dimensional stability;
- g) modify pretreatment clause to specify/that dimensional stability is carried out after five cleaning cycles;
- modify test procedure for the flame testing of Labels, badges, retro-reflective materials;
- i) include requirement and test procedure for burst strength testing of knitted materials;
- j) include requirement and test procedure for tensile strength testing of non-woven materials;
- k) include requirement and test procedure for tear strength testing of non-woven materials;
- I) include requirement and test procedure for burst strength testing of non-woven materials;
- m) modify requirement/for tear strength of woven materials;
- n) modify afterglow requirement for flame spread of Index 3 materials.
- o) include statement for flame spread testing in regard to interlining materials for Index 2 and 3 materials;

Protective clothing — Protection against heat and flame — Limited flame spread materials, material assemblies and clothing

Scope

This International Standard specifies the performance requirements for the limited flame spread properties of materials, material assemblies and protective clothing in order to reduce the possibility of the clothing burning and thereby itself constituting a hazard. Additional requirements for clothing are also specified.

Protective clothing complying with this International Standard is intended to protect workers against occasional and brief contact with small igniting flames, in circumstances where there is no significant heat hazard and without the presence of another type of heat. When protection against heat hazards is necessary in addition to protection against limited spread flammability, then standards, such as ISO 11612, are more appropriate. iTeh STANDARD PREVIEW

A classification system is given for materials, material assemblies and garments which are tested according to ISO 15025:2000, Procedure A.

Normative references d51/c8c410c4ff00/ociet page in 14116 2012

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.

ISO 13934-1:1999, Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method

ISO 13935-2:1999, Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2: Determination of maximum force to seam rupture using the grab method

ISO 13937-2:2000, Textiles — Tear properties of fabrics — Part 2: Determination of tear force of trousershaped test specimens (Single tear method)

ISO 13938-1, Textiles - Bursting properties of fabrics - Part 1: Hydraulic method for determination of bursting strength and bursting distension

ISO 15025:2000, Protective clothing — Protection against heat and flame — Method of test for limited flame spread

EN 13688, Protective clothing — General requirements

ISO 9073-4, Vextiles — Test Methods for non wovens — Part 4; Determination of tear resistance

ISO 3175-2: 1998, Textiles — Dry Cleaning and finishing — Part 2 Procedures for tetrachloroethylene