

SLOVENSKI STANDARD

SIST EN ISO 17491-4:2008

01-december-2008

BUXca Yý U
SIST EN 468:1996

Varovalna obleka - Preskusne metode za obleke, ki varujejo pred kemikalijami - 4. del: Ugotavljanje odpornosti materialov proti penetraciji z razprševanjem (spray test) (ISO 17491-4:2008)

Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO 17491-4:2008)

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Schutzkleidung - Prüfverfahren für Chemikalienschutzkleidung - Teil 4: Bestimmung der Beständigkeit gegen das Durchdringen von Flüssigkeitsspray (Spray-Test) (ISO 17491-4:2008)

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Vêtements de protection - Méthodes d'essai pour les vêtements fournissant une protection contre les produits chimiques - Partie 4: Détermination de la résistance à la pénétration par une vaporisation de liquide (essai à la vaporisation) (ISO 17491-4:2008)

Ta slovenski standard je istoveten z: EN ISO 17491-4:2008

ICS:

13.340.10	Varovalna obleka	Protective clothing
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SIST EN ISO 17491-4:2008

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 17491-4

August 2008

ICS 13.340.10

Supersedes EN 468:1994

English Version

Protective clothing - Test methods for clothing providing protection against chemicals - Part 4: Determination of resistance to penetration by a spray of liquid (spray test) (ISO 17491-4:2008)

Vêtements de protection - Méthodes d'essai pour les vêtements fournissant une protection contre les produits chimiques - Partie 4: Détermination de la résistance à la pénétration par vaporisation de liquide (essai au brouillard) (ISO 17491-4:2008)

Schutzkleidung - Prüfverfahren für Chemikalienschutzkleidung - Teil 4: Bestimmung der Beständigkeit gegen das Durchdringen von Flüssigkeitsspray (Spray-Test) (ISO 17491-4:2008)

This European Standard was approved by CEN on 14 August 2008.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN ISO 17491-4:2008) 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 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 February 2009, and conflicting national standards shall be withdrawn at the latest by February 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.

This document supersedes EN 468:1994.

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 EC Directive(s).

For relationship with EC 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, 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.

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Annex ZA (informative)

Relationship between this part of ISO 17491 and the Essential Requirements of EU Directive 89/686/EEC Personal Protective Equipment

This part of ISO 17491 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 89/686/EEC.

Once this part of ISO 17491 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, together with the relevant requirements given in the product standards, confers, within the limits of the scope of both standards, a presumption of conformity with the Essential Requirements of Directive 89/686/EEC Personal Protective Equipment, Annex II, Clause 3.10.2.

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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INTERNATIONAL
STANDARDISO
17491-4First edition
2008-08-15

**Protective clothing — Test methods for
clothing providing protection against
chemicals —**

Part 4:

**Determination of resistance to
penetration by a spray of liquid (spray
test)****(standards.iteh.ai)***Vêtements de protection — Méthodes d'essai pour les vêtements
fournissant une protection contre les produits chimiques —**Partie 4: Détermination de la résistance à la pénétration par
vaporisation de liquide (essai au brouillard)*Reference number
ISO 17491-4:2008(E)

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Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
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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 17491-4 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 162, *Protective clothing including hand and arm protection and lifejackets*, in collaboration with Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This first edition of ISO 17491-4, together with ISO 17491-3, cancels and replaces ISO 17491:2002, Clauses 6 and 7 of which have been technically revised.

ISO 17491 consists of the following parts, under the general title *Protective clothing — Test methods for clothing providing protection against chemicals*:

- *Part 3: Determination of resistance to penetration by a jet of liquid (jet test)*
- *Part 4: Determination of resistance to penetration by a spray of liquid (spray test)*

The following parts are under development:

- *Part 1: Determination of resistance to outward leakage of gases (internal pressure test)*
- *Part 2: Determination of resistance to inward leakage of aerosols and gases (inward leakage test)*