

საქართველოს ეროვნული სტანდარტი

დამცავი სპეცსამოსი მყარი ნაწილაკებისგან დასაცავად.

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(ისო 13982-1:2004)

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თბილისი

სსტ ენ ისო 13982-1 : 2009

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2 დამტკიცებულია და შემოღებულია **სამოქმედოდ** საქართველოს სტანდარტების, ტექნიკური რეგლამენტების და მეტროლოგიის ეროვნული სააგენტოს 2009 წლის 23 დეკემბრის #53 “ს” განკარგულებით

3 მიღებულია გარეკანის მეთოდით სტანდარტიზაციის საერთაშორისო ორგანიზაციის სტანდარტი ისო ენ 13982-1 : 2004 „დამცავი სპეცსამოსი მყარი ნაწილაკებისგან დასაცავად. ნაწილი 1: მოთხოვნები მუშა მახასიათებლების მიმართ ქიმიური დამცავი სპეცსამოსისთვის, რომელმაც უნდა უზრუნველყოს მთელი სხეულის დაცვა ჰაერში არსებული მყარი მაკრონაწილაკებისგან (მე-5 ტიპის ტანსაცმელი). (ისო 13982-1:2004)“

4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების, ტექნიკური რეგლამენტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2009 წლის 29 დეკემბერი №268-1.3-3446

წინამდებარე სტანდარტის სრული ან ნაწილობრივი აღწარმოება, ტირაჟირება და გავრცელება საქართველოს სტანდარტების, ტექნიკური რეგლამენტების და მეტროლოგიის ეროვნული სააგენტოს ნებართვის გარეშე არ დაიშვება

ICS 13.340.10

English version

Protective clothing for use against solid particulates - Part 1:
Performance requirements for chemical protective clothing
providing protection to the full body against airborne solid
particulates (type 5 clothing) (ISO 13982-1:2004)

Vêtements de protection à utiliser contre les particules solides - Partie 1: Exigences de performance des vêtements de protection contre les produits chimiques offrant une protection au corps entier contre les particules solides transportées par l'air (vêtements de type 5) (ISO 13982-1:2004)

Schutzkleidung gegen Teilchen fester Chemikalien - Teil 1: Leistungsanforderungen an Chemikalienschutzkleidung, die für den gesamten Körper einen Schutz gegen schwebende Teilchen fester Chemikalien gewähren (Kleidung Typ 5) (ISO 13982-1:2004)

This European Standard was approved by CEN on 12 November 2004.

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.



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

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Foreword

This document (EN ISO 13982-1:2004) 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 May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

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, 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.

Annex ZA (Informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU Directives

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 of conforming to Essential Requirements of the New Approach Directive 89/686/EEC.

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 clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations.

Table 1 – Correspondence between this European standard and Directive 89/686/EEC

Clause/ sub-clauses of the Standard	Essential Requirements of Directive 89/686/EEC, Annex II	
4.1	1.2.1.1	Suitable constituent materials
4.1	1.3.2	Lightness and design strength
4.2	1.3.2	Lightness and design strength
4.2.1	3.10.2	Protection against cutaneous and ocular contact
4.3	1.3.1	Adaptation of PPE to user morphology
4.3	1.3.3	Compatibility of different classes or types of PPE designed for simultaneous use
4.3.1	1.1.2.1	Highest level of protection possible
4.3.1	1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user
4.3.2	1.1.1	Ergonomics
4.3.2	1.1.2.1	Highest level of protection possible
4.3.2	1.2.1.3	Maximum permissible use impediment
4.3.2	3.10.2	Protection against cutaneous and ocular contact
5	1.4	Information supplied by the manufacturer
5	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety
6	1.3.3	Compatibility of different classes or types of PPE designed for simultaneous use
6	1.4	Information supplied by the manufacturer
6	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety

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

**Protective clothing for use against solid
particulates —**

Part 1:

**Performance requirements for chemical
protective clothing providing protection
to the full body against airborne solid
particulates (type 5 clothing)**

Vêtements de protection à utiliser contre les particules solide —

*Partie 1: Exigences de performance des vêtements de protection contre
les produits chimiques offrant une protection au corps entier contre les
particules solides transportées par l'air (vêtements de type 5)*



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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 13982-1 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).

ISO 13982 consists of the following parts, under the general title *Protective clothing for use against solid particulates*:

- *Part 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)*
- *Part 2: Test method of determination of inward leakage of aerosols of fine particles into suits*

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძლება სტანდარტი.

Introduction

It is necessary to determine the suitability of type 5 clothing for each specific chemical substance and its acceptable exposure limits in relation to the inward leakage of the type 5 garment. Hence, it is possible, that this type of clothing does not offer adequate protection from aerosols of highly hazardous substances, where a type 1 garment might be necessary to obtain the level of protection needed.