

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)**

ICS 13.340.10

National foreword

This British Standard is the UK implementation of EN ISO 13982-1:2004+A1:2010. It is identical with ISO 13982-1:2004, incorporating amendment 1:2010. It supersedes BS EN ISO 13982-1:2004, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted by Technical Committee PH/3, Protective clothing, to Subcommittee PH/3/3, Clothing for protection against chemicals and radioactive contamination.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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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.

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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.

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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.

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Foreword to amendment A1

The document (EN ISO 13982-1:2004/A1:2010) 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 ISO/TC 94 "Personal safety - Protective clothing and equipment".

This Amendment to the European Standard EN ISO 13982:2004 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2011, and conflicting national standards shall be withdrawn at the latest by April 2011.

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.

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Endorsement notice

The text of ISO 13982-1:2004/Amd 1:2010 has been approved by CEN as a EN ISO 13982-1:2004/A1:2010 without any modification.

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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.

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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*