



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 13034:2005

Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective

Schutzkleidung gegen flüssige
Chemikalien - Leistungsanforderungen
an Chemikalienschutzkleidung mit
eingeschränkter Schutzleistung gegen

Vêtements de protection contre les
produits chimiques liquides - Exigences
relatives aux vêtements de protection
chimique offrant une protection limitée

03/2005



National Foreword

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English version

Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment)

Vêtements de protection contre les produits chimiques liquides - Exigences relatives aux vêtements de protection chimique offrant une protection limitée contre les produits chimiques liquides (équipement de type 6 et Type PB (6))

Schutzkleidung gegen flüssige Chemikalien - Leistungsanforderungen an Chemikalienschutzkleidung mit eingeschränkter Schutzleistung gegen flüssige Chemikalien (Ausrüstung Typ 6 und Typ PB [6])

This European Standard was approved by CEN on 14 February 2005.

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Foreword

This document (EN 13034:2005) 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.

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of an identical text or by endorsement, at the latest by September 2005, and conflicting national standards shall be withdrawn at the latest by September 2005.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 89/686/EEC.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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Introduction

Protection should be proportional to the risk to avoid excessive discomfort due to overprotection. The categorisation into types of chemical protective clothing is an attempt to discriminate between different general levels of risk.

The determination of the actual risk level should follow from a risk assessment, which takes all relevant parameters into account, e.g. the nature of the chemical, temperature, pressure, quantity, parts of the body likely to be exposed, climatic conditions, intensity of work etc. This risk assessment will give important indications about suitable types of materials, clothing design and composition of the most effective solution, e.g. combination with other types of PPE or other items of chemical protective clothing.

Type 6 and PB [6] are intended to be used in cases where risk has been assessed as low and a full liquid permeation barrier is not necessary, i.e. when wearers are able to take timely adequate action when their clothing is contaminated. Type 6 and PB [6] protective clothing form the lowest level of chemical protection and are intended to protect from a potential exposure to small quantities of spray or accidental low volume splashes.

A technical report to give guidance on questions pertaining to selection, use, care and maintenance is currently under development.