

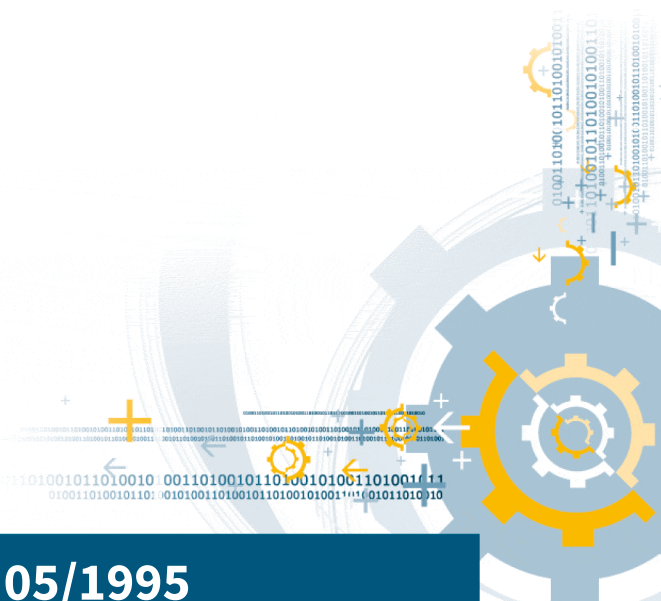


Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 470-1:1995

**Protective clothing for use in welding
and allied processes - Part 1: General
requirements**

05/1995



National Foreword

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ICS 13.340.10

Descriptors: Personal protective equipment, protective equipment, heat protection, welding, projection, weld metal, ultraviolet radiation, specifications, tests, marking, instructions

English version

Protective clothing for use in welding and allied processes - Part 1: General requirements

Vêtements de protection utilisés pendant le soudage et les techniques connexes - Partie 1: Exigences générales

Schutzkleidung für Schweißen und verwandte Verfahren - Teil 1: Allgemeine Anforderungen

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Ref. No. EN 470-1:1995 E

Foreword

This European Standard has been prepared by the 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 EN 470-1 was originally submitted to Formal Vote as prEN 470.

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of an identical text or by endorsement, at the latest by November 1995, and conflicting national standards shall be withdrawn at the latest by November 1995.

This European Standard 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).

Annexes A and B are informative.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

1 Scope

This part of this European Standard specifies test methods and general performance requirements for protective clothing for operators engaged in welding and allied processes with comparable risks.

This type of protective clothing is intended to protect the wearer against small splashes of molten metal, short contact time with flame, and ultra violet radiation, and to be worn continuously for up to 8 h at ambient temperature.

Additional requirements, which apply to certain specific types of welding operations, will be included in subsequent parts of this standard.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 340

Protective clothing - General requirements

EN 348

Protective Clothing - Test method: Determination of behaviour of material on impact of small splashes of molten metal

EN 532

Clothing for protection against heat and flame - Method of test for limited flame spread

ISO 2589

Leather - Physical testing - measurement of thickness

ISO 3175

Textiles - Determination of dimensional change on dry cleaning in perchlorethylene - Machine method

ISO 3376

Leather - Determination of tensile strength and elongation

ISO 3377

Leather - Determination of Tearing Load

ISO 4674 : 1977

Fabrics coated with rubber or plastics - Determination of tear resistance

ISO 5077

Determination of dimensional change of textiles in domestic washing and drying

ISO 5081

Textiles - Woven fabrics - Determination of Breaking Strength

ISO 6330 : 1984

Textiles - Domestic washing and drying procedures for textile testing

IUC/4¹⁾

Determination of substances (fats and solubles) soluble in dichloromethane

IUP/35¹⁾

Methods of sampling and physical testing of leather

¹⁾ Information on sources of supply can be obtained from the Secretariat of CEN/TC 162, which is held by DIN, Burggrafenstr 6, D-10787 Berlin