



**BSI Standards Publication**

# **Live working — Protective clothing against the thermal hazards of an electric arc**

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Part 2: Requirements

## National foreword

This British Standard is the UK implementation of EN 61482-2:2020. It is derived from IEC 61482-2:2018.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The UK participation in its preparation was entrusted to Technical Committee PEL/78, Tools for live working.

A list of organizations represented on this committee 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.

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Published by BSI Standards Limited 2020

ISBN 978 0 580 87300 3

ICS 13.220.40; 29.260.99

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2020.

### Amendments/corrigenda issued since publication

Date	Text affected
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61482-2**

May 2020

ICS 13.220.40; 29.260

English Version

**Live working - Protective clothing against the thermal hazards of  
an electric arc - Part 2: Requirements  
(IEC 61482-2:2018, modified)**

Travaux sous tension - Vêtements de protection contre les  
dangers thermiques d'un arc électrique - Partie 2:  
Exigences  
(IEC 61482-2:2018, modifiée)

Arbeiten unter Spannung - Schutzkleidung gegen die  
thermischen Gefahren eines Lichtbogens - Teil 2:  
Anforderungen  
(IEC 61482-2:2018, modifiziert)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC 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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## EN 61482-2:2020 (E)

### European foreword

The text of document 78/1205/FDIS, future edition 2 of IEC 61482-2, prepared by IEC/TC 78 "Live working" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61482-2:2020.

A draft amendment, which covers common modifications to IEC 61482-2 (78/1205/FDIS), was prepared by CLC/TC 78, "Equipment and tools for live working" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document has (dop) 2020-11-01  
to be implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2023-05-01  
standards conflicting with this document  
have to be withdrawn

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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

### Endorsement notice

The text of the International Standard IEC 61482-2:2018 was approved by CENELEC as a European Standard with agreed common modifications.

**EN 61482-2:2020 (E)****Annex ZA**  
(normative)**Normative references to international publications  
with their corresponding European publications**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60417	DB	Graphical symbols for use on equipment	-	-
IEC 61318	-	Live working - Conformity assessment applicable to tools, devices and equipment	EN 61318	2008
IEC 61340-2-3	2016	Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation	EN 61340-2-3	2016
IEC 61477	-	Live working - Minimum requirements for the utilization of tools, devices and equipment	EN 61477	2009
IEC 61482-1-1	2019	Live working - Protective clothing against the thermal hazards of an electric arc - Part 1-1: Test methods - Method 1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc	EN IEC 61482-1-1	2019
IEC 61482-1-2	-	Live working - Protective clothing against the thermal hazards of an electric arc - Part 1-2: Test methods - Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test)	EN 61482-1-2	2014
ISO 3146	-	Plastics - Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers by capillary tube and polarizing-microscope methods	EN ISO 3146	2000