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BSI Standards Publication

Arc welding equipment

Part 1: Welding power sources

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National foreword

This British Standard is the UK implementation of EN 60974-1:2022. It is identical to IEC 60974-1:2021. It supersedes BS EN IEC 60974-1:2018+A1:2019, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee WEE/6, Electric arc welding equipment.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Arc welding equipment - Part 1: Welding power sources (IEC 60974-1:2021)

Matériel de soudage à l'arc - Partie 1: Sources de courant
de soudage
(IEC 60974-1:2021)

Lichtbogenschweißrichtungen - Teil 1:
Schweißstromquellen
(IEC 60974-1:2021)

This European Standard was approved by CENELEC on 2022-10-25. CENELEC 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 CEN-CENELEC Management Centre or to any CENELEC member.

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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

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European foreword

The text of document 26/724/FDIS, future edition 6 of IEC 60974-1, prepared by IEC/TC 26 "Electric welding" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60974-1:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2023-10-25 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2025-10-25 document have to be withdrawn

This document supersedes EN IEC 60974-1:2018 and all of its amendments and corrigenda (if any).

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

For the relationship with EU Directive(s) / Regulation(s), see informative Annexes ZZA and ZZB, which are an integral part of EN IEC 60974-1:2022/A11:2022.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60974-1:2021 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60038:2009	NOTE	Harmonized as EN 60038:2011
IEC 60085	NOTE	Harmonized as EN 60085
IEC 60204-1	NOTE	Harmonized as EN 60204-1
IEC 60309-1	NOTE	Harmonized as EN IEC 60309-1
IEC 60335-2-29	NOTE	Harmonized as EN 60335-2-29
IEC 60384-14	NOTE	Harmonized as EN 60384-14
IEC 60947-3	NOTE	Harmonized as EN IEC 60947-3

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IEC 60974-4	NOTE	Harmonized as EN 60974-4
IEC 60974-6	NOTE	Harmonized as EN 60974-6
IEC 60974-9	NOTE	Harmonized as EN IEC 60974-9
IEC 60974-12	NOTE	Harmonized as EN 60974-12
IEC 60990:2016	NOTE	Harmonized as EN 60990:2016 (not modified)
IEC 61000-3-2	NOTE	Harmonized as EN IEC 61000-3-2
IEC 61032:1997	NOTE	Harmonized as EN 61032:1998 (not modified)
IEC 61558-1	NOTE	Harmonized as EN IEC 61558-1
IEC 62281	NOTE	Harmonized as EN IEC 62281
IEC 62841-1	NOTE	Harmonized as EN 62841-1
ISO 13732-1	NOTE	Harmonized as EN ISO 13732-1

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