



# SLOVENSKI STANDARD SIST EN IEC 60974-4:2025

01-september-2025

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**Oprema za obločno varjenje - 4. del: Periódni pregledi in preskušanje (IEC 60974-4:2025)**

Arc welding equipment - Part 4: Periodic inspection and testing (IEC 60974-4:2025)

Lichtbogenschweißeinrichtungen - Teil 4: Wiederkehrende Inspektion und Prüfung (IEC 60974-4:2025)

Matériel de soudage à l'arc - Partie 4: Inspection et essais périodiques (IEC 60974-4:2025)

**Ta slovenski standard je istoveten z: EN IEC 60974-4:2025**

SIST EN IEC 60974-4:2025

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**ICS:**

25.160.30	Varilna oprema	Welding equipment
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**SIST EN IEC 60974-4:2025**

**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60974-4**

August 2025

ICS 25.160

Supersedes EN 60974-4:2016

English Version

**Arc welding equipment - Part 4: Periodic inspection and testing  
(IEC 60974-4:2025)**

Matériel de soudage à l'arc - Partie 4: Inspection et essais  
périodiques  
(IEC 60974-4:2025)

Lichtbogenschweißeinrichtungen - Teil 4: Wiederkehrende  
Inspektion und Prüfung  
(IEC 60974-4:2025)

This European Standard was approved by CENELEC on 2025-07-08. 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.

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 IEC 60974-4:2025 (E)****European foreword**

The text of document 26/769/FDIS, future edition 4 of IEC 60974-4, prepared by TC 26 "Electric welding" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60974-4:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-08-31 document have to be withdrawn

This document supersedes EN 60974-4:2016 and all of its amendments and corrigenda (if any).

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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 60974-4:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60038:2009 NOTE Approved as EN 60038:2011

## 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 Where 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 60050-151	-	International Electrotechnical Vocabulary (IEV) - Part 151: Electrical and magnetic devices	-	-
IEC 60974-1	2021	Arc welding equipment - Part 1: Welding power sources	EN IEC 60974-1	2022
-	-		+ A11	2022
-	-		+ A12	2023
-	-		+ A13	2025
IEC 60974-6	2015	Arc welding equipment - Part 6: Limited duty equipment	EN 60974-6	2016
IEC 61140	-	Protection against electric shock - Common aspects for installation and equipment	EN 61140	-
IEC 61557-2	2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 2: Insulation resistance	EN IEC 61557-2	2021
IEC 61557-4	2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 4: Resistance of earth connection and equipotential bonding	EN IEC 61557-4	2021
IEC 61557-16	2023	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment	EN IEC 61557-16	2024