

SLOVENSKI STANDARD

SIST EN ISO 15614-2:2025

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Nadomešča:

SIST EN ISO 15614-2:2005

SIST EN ISO 15614-2:2005/AC:2009

Popis in kvalifikacija varilnih postopkov za kovinske materiale - Preskus varilnega postopka - 2. del: Obločno varjenje aluminija in njegovih zlitin (ISO 15614-2:2025)

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 2: Arc welding of aluminium and its alloys (ISO 15614-2:2025)

Anforderung und Qualifizierung von Schweißverfahren für metallische Werkstoffe - Schweißverfahrensprüfung - Teil 2: Lichtbogenschweißen von Aluminium und seinen Legierungen (ISO 15614-2:2025)

Descriptif et qualification d'un mode opératoire de soudage pour les matériaux métalliques - Épreuve de qualification d'un mode opératoire de soudage - Partie 2:

<https://www.sist.si/standards/7dcf/sist-en-iso-15614-2-2025> Soudage à l'arc de l'aluminium et de ses alliages (ISO 15614-2:2025)

Ta slovenski standard je istoveten z: EN ISO 15614-2:2025

ICS:

25.160.10	Varilni postopki in varjenje	Welding processes
77.120.10	Aluminij in aluminijeve zlitine	Aluminium and aluminium alloys

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15614-2

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ICS 25.160.10

Supersedes EN ISO 15614-2:2005, EN ISO 15614-2:2005/AC:2009

English Version

Specification and qualification of welding procedures for
metallic materials - Welding procedure test - Part 2: Arc
welding of aluminium and its alloys (ISO 15614-2:2025)

Descriptif et qualification d'un mode opératoire de
soudage pour les matériaux métalliques - Épreuve de
qualification d'un mode opératoire de soudage - Partie
2: Soudage à l'arc de l'aluminium et de ses alliages (ISO
15614-2:2025)

Anforderung und Qualifizierung von Schweißverfahren
für metallische Werkstoffe -
Schweißverfahrensprüfung - Teil 2:
Lichtbogenschweißen von Aluminium und seinen
Legierungen (ISO 15614-2:2025)

This European Standard was approved by CEN on 8 August 2025.

CEN 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 CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

EN ISO 15614-2:2025 (E)

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<https://standards.itih.ai/catalog/standards/sist/70becf26-ef82-4be5-89f9-9cd46a627dcf/sist-en-iso-15614-2-2025>

European foreword

This document (EN ISO 15614-2:2025) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" the secretariat of which is held by AFNOR.

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 March 2026, and conflicting national standards shall be withdrawn at the latest by March 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 15614-2:2005, EN ISO 15614-2:2005/AC:2009.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA or ZB, which is an integral part of this document.

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 15614-2:2025 has been approved by CEN as EN ISO 15614-2:2025 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2014/68/EU (PED) aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/601 to provide one voluntary means of conforming to Essential Safety Requirements of the New Approach Pressure Equipment Directive 2014/68/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in [Table ZA.1](#) and application of the edition of the normatively referenced standards as given in [Table ZA.2](#) confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Safety Requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Annex I of the Directive 2014/68/EU (PED)

Essential Requirements of Directive 2014/68/EU (PED)	Clauses of this EN	Remarks/Notes
3.1.2, paragraphs 3, 4 and 5	Clauses 4, 5, 6, 7, 8, 9	Permanent joining. For pressure resistant components of pressure equipment in the categories II, III and IV the examiner/examining body is a competent third party.

Table ZA.2 — Normative references from Clause 2 of this document and their corresponding European publications

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 2107	ISO 2107:2007	<i>Aluminium and aluminium alloys — Wrought products — Temper designations</i>	None For applicable standard edition see Column 2
ISO 3452-1	ISO 3452-1:2021	<i>Non-destructive testing — Penetrant testing — Part 1: General principles</i>	EN ISO 3452-1:2021
ISO 4136	ISO 4136:2022	<i>Destructive tests on welds in metallic materials — Transverse tensile test</i>	EN ISO 4136:2022
ISO 5173	ISO 5173:2023	<i>Destructive tests on welds in metallic materials — Bend tests</i>	EN ISO 5173:2023
ISO 6520-1	ISO 6520-1:2007	<i>Welding and allied</i>	EN ISO 6520-1:2007