



SLOVENSKI STANDARD SIST EN ISO 17639:2022

01-september-2022

Nadomešča:
SIST EN ISO 17639:2013

Porušitveno preskušanje zvarnih spojev na kovinskih materialih - Makroskopska in mikroskopska preiskava zvarov (ISO 17639:2022)

Destructive tests on welds in metallic materials - Macroscopic and microscopic examination of welds (ISO 17639:2022)

Zerstörende Prüfung von Schweißverbindungen an metallischen Werkstoffen - Makroskopische und mikroskopische Untersuchungen von Schweißnähten (ISO 17639:2022)

Essais destructifs des soudures sur matériaux métalliques - Examens macroscopique et microscopique des assemblages soudés (ISO 17639:2022)

Ta slovenski standard je istoveten z: EN ISO 17639:2022

ICS:

25.160.40 Varjeni spoji in vari Welded joints and welds

SIST EN ISO 17639:2022 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 17639

February 2022

ICS 25.160.40

Supersedes EN ISO 17639:2013

English Version

**Destructive tests on welds in metallic materials -
Macroscopic and microscopic examination of welds (ISO
17639:2022)**

Essais destructifs des soudures sur matériaux
métalliques - Examens macroscopique et
microscopique des assemblages soudés (ISO
17639:2022)

Zerstörende Prüfung von Schweißverbindungen an
metallischen Werkstoffen - Makroskopische und
mikroskopische Untersuchungen von Schweißnähten
(ISO 17639:2022)

This European Standard was approved by CEN on 1 February 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 17639:2022) 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 DIN.

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of an identical text or by endorsement, at the latest by August 2022, and conflicting national standards shall be withdrawn at the latest by August 2022.

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.

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Endorsement notice

The text of ISO 17639:2022 has been approved by CEN as EN ISO 17639:2022 without any modification.

INTERNATIONAL STANDARD

ISO
17639

Second edition
2022-01

Destructive tests on welds in metallic materials — Macroscopic and microscopic examination of welds

*Essais destructifs des soudures sur matériaux métalliques — Examens
macroscopique et microscopique des assemblages soudés*

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ISO 17639:2022(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 5, *Testing and inspection of welds*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 17639:2003), which has been technically revised.

The main changes are as follows:

- [Clause 2](#) has been updated;
- the designations according to ISO/TR 15608 have been updated in [Clause 10](#).

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