ICS 25.160.40 SLOVENSKÁ TECHNICKÁ NORMA Február 2014

STN	**Nedeštruktívne skúšanie zvarov. Úrovne prípustnosti na základe skúšania prežarovaním. Časť 1: Ocele, nikel, titán a ich zliatiny (ISO 10675-1: 2008).**	**STN EN ISO 10675-1** 05 1305

Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2008)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/14

Obsahuje: EN ISO 10675-1:2013, ISO 10675-1:2008

Oznámením tejto normy sa ruší
STN EN 12517-1 (05 1305) z októbra 2006

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 10675-1

August 2013

ICS 25.160.40

Supersedes EN 12517-1:2006

English Version

Non-destructive testing of welds - Acceptance levels for radiographic testing - Part 1: Steel, nickel, titanium and their alloys (ISO 10675-1:2008)

Essais non destructifs des assemblages soudés - Niveaux d'acceptation pour évaluation par radiographie - Partie 1: Acier, nickel, titane et leurs alliages (ISO 10675-1:2008)

Zerstörungsfreie Prüfung von Schweißverbindungen - Zulässigkeitsgrenzen für die Durchstrahlungsprüfung - Teil 1: Stahl, Nickel, Titan und ihre Legierungen (ISO 10675-1:2008)

This European Standard was approved by CEN on 8 August 2013.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN ISO 10675-1:2013: E

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Foreword

The text of ISO 10675-1:2008 has been prepared by Technical Committee ISO/TC 44 “Welding and allied processes” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10675-1:2013 by Technical Committee CEN/TC 121 “Welding” 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of an identical text or by endorsement, at the latest by February 2014, and conflicting national standards shall be withdrawn at the latest by February 2014.

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

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Endorsement notice

The text of ISO 10675-1:2008 has been approved by CEN as EN ISO 10675-1:2013 without any modification.

INTERNATIONAL STANDARD

ISO 10675-1

First edition
2008-03-01

Non-destructive testing of welds — Acceptance levels for radiographic testing —

Part 1: Steel, nickel, titanium and their alloys

Essais non destructifs des assemblages soudés — Niveaux d'acceptation pour évaluation par radiographie —

Partie 1: Acier, nickel, titane et leurs alliages

Reference number
ISO 10675-1:2008(E)

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 10675-1 was prepared by the European Committee for Standardization (as EN 12517-1:2006) and was adopted, under a special "fast-track procedure", by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 5, *Testing and inspection of welds*, in parallel with its approval by the ISO member bodies.

Requests for official interpretations of any aspect of this part of ISO 10675 should be directed to the Secretariat of ISO/TC 44/SC 5 via your national standards body. A complete listing of these bodies can be found at www.iso.org.

INTERNATIONAL STANDARD **ISO 10675-1:2008(E)**

Non-destructive testing of welds — Acceptance levels for radiographic testing —

Part 1: Steel, nickel, titanium and their alloys

1 Scope

This part of ISO 10675 specifies acceptance levels for indications from imperfections in butt welds of steel, nickel, titanium and their alloys detected by radiographic testing. If agreed, the acceptance levels may be applied to other types of welds or materials.

The acceptance levels may be related to welding standards, application standards, specifications or codes. This part of ISO 10675 assumes that the radiographic testing has been carried out in accordance with ISO 17636.

When assessing whether a weld meets the requirements specified for a weld quality level, the sizes of imperfections permitted by standards are compared with the dimensions of indications revealed by a radiograph made of the weld.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 5817, *Welding — Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) — Quality levels for imperfections*

ISO 6520-1, *Welding and allied processes — Classification of geometric imperfections in metallic materials — Part 1: Fusion welding*

ISO 17636, *Non-destructive testing of welds — Radiographic testing of fusion-welded joints*