

SLOVENSKI STANDARD
SIST EN ISO 15614-1:2004/A1:2008
01-april-2008

Specifikacija in razvrščanje varilnih postopkov za kovinske materiale - Preskus postopka varjenja - 1. del: Obločno in plamensko varjenje jekel in obločno varjenje niklja in nikljevih zlitin - Dopolnilo 1 (ISO 15614-1:2004/Amd 1:2008)

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys - Amendment 1 (ISO 15614-1:2004/Amd 1:2008)

iTeh STANDARD PREVIEW

Anforderung und Qualifizierung von Schweißverfahren für metallische Werkstoffe - Schweißverfahrensprüfung - Teil 1: Lichtbögen und Gasschweißen von Stählen und Lichtbogenschweißen von Nickel und Nickellegierungen (ISO 15614-1:2004/Amd 1:2008)

[SIST EN ISO 15614-1:2004/A1:2008](#)

<https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

Descriptif et qualification d'un mode opératoire de soudage pour les matériaux métalliques - Épreuve de qualification d'un mode opératoire de soudage - Partie 1: Soudage à l'arc et aux gaz des aciers et soudage à l'arc des nickels et alliages de nickel - Amendement 1 (ISO 15614-1:2004/Amd 1:2008)

Ta slovenski standard je istoveten z: EN ISO 15614-1:2004/A1:2008

ICS:

25.160.10	Varilni postopki in varjenje	Welding processes
77.080.20	Jekla	Steels
77.120.40	Nikelj, krom in njune zlitine	Nickel, chromium and their alloys

SIST EN ISO 15614-1:2004/A1:2008 en,fr,de

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN ISO 15614-1:2004/A1:2008

<https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15614-1:2004/A1

February 2008

ICS 25.160.10

English Version

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys - Amendment 1 (ISO 15614-1:2004/Amd 1:2008)

Descriptif et qualification d'un mode opératoire de soudage pour les matériaux métalliques - Épreuve de qualification d'un mode opératoire de soudage - Partie 1: Soudage à l'arc et aux gaz des aciers et soudage à l'arc des nickels et alliages de nickel - Amendement 1 (ISO 15614-1:2004/Amd 1:2008)

Anforderung und Qualifizierung von Schweißverfahren für metallische Werkstoffe - Schweißverfahrensprüfung - Teil 1: Lichtbogen- und Gasschweißen von Stählen und Lichtbogenschweißen von Nickel und Nickellegierungen (ISO 15614-1:2004/Amd 1:2008)

This amendment A1 modifies the European Standard EN ISO 15614-1:2004; it was approved by CEN on 23 January 2008.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This amendment 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 Management Centre has the same status as the official versions.
<https://standards.iteh.a/catalog/standards/sist/b38fcac7-31e3-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

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



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 15614-1:2004/A1:2008 (E)

Contents

	Page
Foreword.....	3
Annex ZA (normative) Corresponding International and European Standards for which equivalents are not given in the text.....	4
Annex ZB (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU directives	5
Annex ZC (Informative) Clauses of this European Standard addressing essential requirements or other provisions of EU directives	6

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN ISO 15614-1:2004/A1:2008](#)
<https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

Foreword

This document (EN ISO 15614-1:2004/A1:2008) has been prepared by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 44 "Welding and allied processes".

This Amendment to the European Standard EN ISO 15614:2004 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2008, and conflicting national standards shall be withdrawn at the latest by August 2008.

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.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

For relationship with EC Directives, see normative Annex ZA and informative Annexes ZB and ZC, which are integral part of this document.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

SIST EN ISO 15614-1:2004/A1:2008
<https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

Annex ZA (normative)

Corresponding International and European Standards for which equivalents are not given in the text

At the time of publication of this part of ISO 15614, the editions of the following documents were valid. Members of ISO and IEC maintain registers of currently valid International Standards.

EN 439	ISO 14175,	<i>Welding consumables — Shielding gases for arc welding and cutting.</i>
EN 571-1	ISO 3452-1	<i>Non-destructive testing — Penetrant testing — Part 1: General principles.</i>
EN 875	ISO 9016,	<i>Destructive tests on welds in metallic materials — Impact tests — Test specimen location, notch orientation and examination.</i>
EN 895	ISO 4136,	<i>Destructive tests on welds in metallic materials — Transverse tensile test.</i>
EN 910	ISO 5173,	<i>Destructive tests on welds in metallic materials — Bend tests.</i>
EN 970	ISO 17637,	<i>Non destructive testing of welds — Visual testing of fusion-welded joints.</i> <small>SIST EN ISO 15614-1:2004/A1:2008 https://standards.iteh.ai/catalog/standard/cist/b38fac7-31e5-474-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008</small>
EN 1043-1	ISO 9015-1,	<i>Destructive tests on welds in metallic materials - Hardness testing — Part 1: Hardness test on arc welded joints.</i>
EN 1290	ISO 17638,	<i>Non destructive testing of welds — Magnetic particle testing.</i>
EN 1321	ISO 17639,	<i>Destructive tests on welds in metallic materials - Macroscopic and microscopic examination of welds.</i>
EN 1418	ISO 14732,	<i>Welding personnel. Approval testing of welding operators for fusion welding and of resistance weld setters for fully mechanized and automatic welding of metallic materials.</i>
EN 1435	ISO 17636,	<i>Non destructive testing of welds — Radiographic examination of fusion-welded joints.</i>
EN 1714	ISO 17640	<i>Non destructive examination of welds — Ultrasonic examination of welded joints.</i>
EN 12062	ISO 17635,	<i>Non-destructive testing of welds - General rules for fusion welds in metallic materials.</i>
EN 25817	ISO 5817,	<i>Arc-welded joints in steel — Guidance on quality levels for imperfections.</i>

Annex ZB
(informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU directives

This European standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 97/23/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in table ZB confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZB – Correspondance between this European standard and the Directive 97/23/EC

Clauses/Paragraphs of this European standard	Essential requirement of the Directive 97/23/EEC	Comments/Notes
All clauses	Annexe I, 3.1.2	Permanent joining

iTeh STANDARD PREVIEW
(standards.iteh.ai)

WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

[SIST EN ISO 15614-1:2004/A1:2008](#)

<https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008>

Annex ZC
(Informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU directives

This European standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive 87/404/EEC.

Compliance with the clauses of this standard provides one with means of conforming with the specific essential requirements of the Directive concerned and associated EFTA regulations.

Table ZC – Relation between this European standard and the Directive 87/404/EEC

Clauses/Paragraphs of this European standard	Essential requirement of the Directive 87/404/EEC	Comments/Notes
Clause 9, Annex A	Annex II, 3.c.iii	Welding Procedure Qualification Record

WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

iTech STANDARD REVIEW

(standards.iteh.ai)

SIST EN ISO 15614-1:2004/A1:2008

https://standards.iteh.ai/catalog/standards/sist/b38fcac7-31e5-4c74-8514-908054dec182/sist-en-iso-15614-1-2004-a1-2008

INTERNATIONAL STANDARD

ISO
15614-1

First edition
2004-06-15

AMENDMENT 1
2008-02-15

Specification and qualification of welding procedures for metallic materials — Welding procedure test —

Part 1:

Arc and gas welding of steels and arc
welding of nickel and nickel alloys

iTeh STANDARD PREVIEW

AMENDMENT 1
(standards.iteh.ai)

SIST EN ISO 15614-1:2004/A1:2008
Descriptif et qualification d'un mode opératoire de soudage pour les
matériaux métalliques — Epreuve de qualification d'un mode opératoire
de soudage —
<https://standards.iteh.ai/standard/iso-15614-1-2004-a1-2008>

Partie 1: Soudage à l'arc et aux gaz des aciers et soudage à l'arc des
nickels et alliages de nickel

AMENDEMENT 1



Reference number
ISO 15614-1:2004/Amd.1:2008(E)