

SLOVENSKI STANDARD
oSIST prEN ISO 14732:2011
01-junij-2011

Varilno osebje - Preskušanje usposobljenosti varilcev za popolnoma mehanizirano talilno in uporovno varjenje kovinskih materialov (ISO/DIS 14732:2011)

Welding personnel - Qualification testing of welding operators for fully mechanized welding and weld setters for fully mechanized welding and automatic welding of metallic materials (ISO/DIS 14732:2011)

Schweißpersonal - Prüfung von Bedienern/Einrichtern von Schweißeinrichtungen zum vollmechanischen und automatischen Schweißen von metallischen Werkstoffen (ISO/DIS 14732:2011)

Personnel en soudage - Épreuve de qualification des opérateurs soudeurs pour le soudage totalement mécanisé et des régleurs en soudage pour le soudage totalement mécanisé et le soudage automatique des matériaux métalliques (ISO/DIS 14732:2011)

Ta slovenski standard je istoveten z: prEN ISO 14732

ICS:

03.100.30	Vodenje ljudi	Management of human resources
25.160.01	Varjenje, trdo in mehko spajkanje na splošno	Welding, brazing and soldering in general

oSIST prEN ISO 14732:2011

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN ISO 14732

March 2011

ICS 25.160.01

Will supersede EN 1418:1997

English Version

**Welding personnel - Qualification testing of welding operators
for fully mechanized welding and weld setters for fully
mechanized welding and automatic welding of metallic materials
(ISO/DIS 14732:2011)**

Personnel en soudage - Épreuve de qualification des
opérateurs soudeurs pour le soudage totalement mécanisé
et des régleurs en soudage pour le soudage totalement
mécanisé et le soudage automatique des matériaux
métalliques (ISO/DIS 14732:2011)

Schweißpersonal - Prüfung von Bedienern/Einrichtern von
Schweißeinrichtungen zum vollmechanischen und
automatischen Schweißen von metallischen Werkstoffen
(ISO/DIS 14732:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 121.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (prEN ISO 14732:2011) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding" the secretariat of which is held by DIN.

This document is currently submitted to the parallel Enquiry.

This document will supersede EN 1418:1997.

Endorsement notice

The text of ISO/DIS 14732:2011 has been approved by CEN as a prEN ISO 14732:2011 without any modification.

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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.

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.

International Standard ISO 14732 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 11, *Qualification requirements for welding and allied processes personnel*.

Annex A forms an integral part of this International Standard, annexes B to D are for information only.

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Introduction

This International Standard is intended to provide the basis for the mutual recognition by examining bodies for qualification related to the competence of welding operators and weld setters in the various fields of application. Tests shall be carried out in accordance with this International Standard unless more severe test are specified by the relevant application standard when these shall be applied.

The welding operator's/weld setter's ability and job knowledge continue to be approved only if the welding operators/ weld setters are working with reasonable continuity on welding work within the extent of qualification. However a functional knowledge test is mandatory.

It is presumed that the welding operator or weld setter has received training and/or has industrial practice within the range of qualification.

All new qualifications are to be in accordance with this International Standard from the date of issue.

At the end of its period of validity, the existing and valid qualification testing of welding operator's/weld setter's in accordance with the requirement of a national standard may be revalidated according to this International standard. The new range of qualification will be interpreted in accordance with the requirements of this International standard.

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Welding personnel — Qualification testing of welding operators for fully mechanized welding and weld setters for fully mechanized welding and automatic welding of metallic materials

1 Scope

This International Standard specifies requirements for qualification of welding operators for fully mechanized welding and also weld setters for fully mechanized and automatic welding.

Personnel exclusively performing loading or unloading of the automatic welding unit do not need any qualification.

This International Standard is applicable when qualification testing of operators/welding equipment setters is required by the contract or by the application standard.

The requirements for testing of stud welding operators/setters are given in ISO 14555. The qualification and revalidation is in accordance with this standard.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 857-1:1998, *Welding and allied processes — Vocabulary — Part 1: Metal welding processes*.

ISO 15609-1:2004, *Specification and qualification of welding procedures for metallic materials — Welding procedure specification — Part 1: Arc welding*.

ISO 15614-1:2004, *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*.

ISO 15614-2:2005, *Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 2: Arc welding of aluminium and its alloys*.

ISO 15613:2004, *Specification and qualification of welding procedures for metallic materials — Qualification based on pre-production welding test*.

ISO 15609-3:2004, *Specification and qualification of welding procedures for metallic materials — Welding procedure specification — Part 3: Electron beam welding*.

ISO 15609-4:2009, *Specification and qualification of welding procedures for metallic materials — Welding procedure specification — Part 4: Laser beam welding*.

ISO 10447:2006, *Resistance welding — Peel and chisel testing of resistance spot and projection welds*.

ISO 14731:2006, *Welding coordination — Tasks and responsibilities*.