

SLOVENSKI STANDARD

SIST EN ISO 14744-1:2008

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SIST EN ISO 14744-1:2001

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Welding - Acceptance inspection of electron beam welding machines - Part 1: Principles and acceptance conditions (ISO 14744-1:2008)

Schweißen - Abnahmeprüfung von Elektronenstrahl-Schweißmaschinen - Teil 1: Grundlagen und Abnahmebedingungen (ISO 14744-1:2008)

Soudage - Essais de réception des machines de soudage par faisceau d'électrons - Partie 1: Principes et conditions de réception (ISO 14744-1:2008)

Ta slovenski standard je istoveten z: **EN ISO 14744-1:2008**

ICS:

25.160.30 Varilna oprema Welding equipment

SIST EN ISO 14744-1:2008

en,fr,de

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English Version

Welding - Acceptance inspection of electron beam welding
machines - Part 1: Principles and acceptance conditions (ISO
14744-1:2008)

Soudage - Essais de réception des machines de soudage
par faisceau d'électrons - Partie 1: Principes et conditions
de réception (ISO 14744-1:2008)

Schweißen - Abnahmeprüfung von Elektronenstrahl-
Schweißmaschinen - Teil 1: Grundlagen und
Abnahmebedingungen (ISO 14744-1:2008)

This European Standard was approved by CEN on 26 April 2008.

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 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 Management Centre has the same status as the official versions.

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

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Foreword

This document (EN ISO 14744-1:2008) 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 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 November 2008, and conflicting national standards shall be withdrawn at the latest by November 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 supersedes EN ISO 14744-1:2000.

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.

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Endorsement notice

The text of ISO 14744-1:2008 has been approved by CEN as a EN ISO 14744-1:2008 without any modification.

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**Welding — Acceptance inspection of
electron beam welding machines —**

**Part 1:
Principles and acceptance conditions**

*Soudage — Essais de réception des machines de soudage par
faisceau d'électrons*

Partie 1: Principes et conditions de réception

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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.

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 14744-1 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Unification of requirements in the field of metal welding*.

This second edition cancels and replaces the first edition (ISO 14744-1:2000) which has been technically revised.

ISO 14744 consists of the following parts, under the general title *Welding — Acceptance inspection of electron beam welding machines*:

- *Part 1: Principles and acceptance conditions*
- *Part 2: Measurement of accelerating voltage characteristics*
- *Part 3: Measurement of beam current characteristics*
- *Part 4: Measurement of welding speed*
- *Part 5: Measurement of run-out accuracy*
- *Part 6: Measurement of stability of spot position*

Requests for official interpretations of any aspect of this part of ISO 14744 should be directed to the Secretariat of ISO/TC 44/SC 10 via your national standards body, a complete listing of which can be found at www.iso.org.