



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 17663:2007**  
**01-september-2007**

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**Varjenje - Smernice za kakovostne zahteve za toplotno obdelavo v povezavi z varjenjem in sorodnimi postopki (ISO/DIS 17663:2007)**

Welding - Guidelines for quality requirements for heat treatment in connection with welding and allied processes (ISO/DIS 17663:2007)

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Soudage - Lignes directrices concernant les exigences de qualité relatives au traitement thermique en soudage et techniques connexes (ISO/DIS 17663:2007)

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**Ta slovenski standard je istoveten z: prEN ISO 17663**

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**ICS:**

25.160.10      Varilni postopki in varjenje      Welding processes

**oSIST prEN ISO 17663:2007**

**en**



July 2007

ICS 25.160.01

Will supersede CR ISO 17663:2001

English Version

**Welding - Guidelines for quality requirements for heat treatment  
in connection with welding and allied processes (ISO/DIS  
17663:2007)**

Soudage - Lignes directrices concernant les exigences de  
qualité relatives au traitement thermique en soudage et  
techniques connexes (ISO/DIS 17663:2007)

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.

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## Foreword

This document (prEN ISO 17663:2007) 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 CR ISO 17663:2001.

### Endorsement notice

The text of ISO 17663:2007 has been approved by CEN as a prEN ISO 17663:2007 without any modification.

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## DRAFT INTERNATIONAL STANDARD ISO/DIS 17663

ISO/TC 44/SC 10

Secretariat: DIN

Voting begins on:  
2007-07-12

Voting terminates on:  
2007-12-12

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# Welding — Guidelines for quality requirements for heat treatment in connection with welding and allied processes

*Soudage — Lignes directrices concernant les exigences de qualité relatives au traitement thermique en soudage et techniques connexes*

(Revision of ISO/TR 17663:2001)

ICS 25.160.01

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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.

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

ISO 17663 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, and by Technical Committee CEN/TC 121, *Welding* in collaboration.

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## Introduction

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Requests for official interpretations of any aspect of this International Standard should be directed to the Secretariat of ISO/TC 44/SC 10 via your national standards body, a complete listing which can be found at [www.iso.org](http://www.iso.org).

# Welding — Guidelines for quality requirements for heat treatment in connection with welding and allied processes

## 1 Scope

This International Standard proposes quality requirements for heat treatment in air or controlled atmospheres carried out in workshops and on site in connection with welding and forming. It applies mainly to ferritic steels, but may be used for other materials, as appropriate.

The purpose of this standard is to form as a guidance for manufacturers which perform heat treatment or produce heat treated products or components. This report may also be used as a basis for assessing the manufacturer in respect to its heat treatment capability.

The requirements contained within this report may be adopted in full or may be selectively deleted by the manufacturer if not applicable to the construction concerned. They provide a flexible framework for the control of heat treatment in the following cases:

### — Case 1

To provide specific requirements for heat treatment in contracts which require the manufacturer to have a quality system in accordance with ISO 9001.

### — Case 2

To provide specific requirements for heat treatment in contracts which require the manufacturer to have a quality system other than ISO 9001.

### — Case 3

To provide specific requirements for heat treatment as guidance to a manufacturer developing a quality system.

### — Case 4

To provide specific requirements for post weld heat treatment when required by ISO 3834-2 or ISO 3834-3.

### — Case 5

To provide specific requirements for references in application standards which uses heat treatment as part of its requirements or agreed in a contract between relevant parties.