

## SLOVENSKI STANDARD SIST EN ISO 3580:2008

01-september-2008

BUXca Yý U. SIST EN 1599:1999

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Welding consumables - Covered electrodes for manual metal arc welding of creepresisting steels - Classification (ISO 3580:2004)

Schweißzusätze - Umhüllte Stabelektroden zum Lichtbogenhandschweißen von warmfesten Stählen - Einteilung (ISO 3580:2004)

Produits consommables pour le soudage Électrodes enrobées pour le soudage manuel à l'arc des aciers résistant au fluage Classification (ISO 3580:2004)

Ta slovenski standard je istoveten z: EN ISO 3580:2008

ICS:

25.160.20 Potrošni material pri varjenju Welding consumables

SIST EN ISO 3580:2008 en,fr,de

SIST EN ISO 3580:2008

### **EUROPEAN STANDARD**

### **EN ISO 3580**

## NORME EUROPÉENNE EUROPÄISCHE NORM

May 2008

ICS 25.160.20

Supersedes EN 1599:1997

### **English Version**

## Welding consumables - Covered electrodes for manual metal arc welding of creep-resisting steels - Classification (ISO 3580:2004)

Produits consommables pour le soudage - Électrodes enrobées pour le soudage manuel à l'arc des aciers résistant au fluage - Classification (ISO 3580:2004) Schweißzusätze - Umhüllte Stabelektroden zum Lichtbogenhandschweißen von warmfesten Stählen -Einteilung (ISO 3580:2004)

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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**

The text of ISO 3580:2004 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 3580:2008 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of an identical text or by endorsement, at the latest by November 2008, and conflicting national standards shall be withdrawn at the latest by November 2008.

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This document supersedes EN 1599:1997.

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### iTeh STANDARD PREVIEW

(stan Endorsement riotice)

The text of ISO 3580:2004 has been approved by CEN as EN ISO 3580:2008 without any modification.

SIST EN ISO 3580:2008

## INTERNATIONAL STANDARD

**ISO** 3580

Second edition 2004-03-15

# Welding consumables — Covered electrodes for manual metal arc welding of creep-resisting steels — Classification

Produits consommables pour le soudage — Électrodes enrobées pour le soudage manuel à l'arc des aciers résistant au fluage —

# iTeh STANDARD PREVIEW (standards.iteh.ai)



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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 3580 was prepared in collaboration with the International Institute of Welding which has been approved by the ISO Council as an international standardizing body in the field of welding.

This second edition cancels and replaces the first edition (ISO 3580:1975), which has been technically revised. (standards.iteh.ai)

### Introduction

This International Standard proposes a classification aimed at designating covered electrodes, primarily in terms of the chemical composition of the all-weld metal.

It should be noted that the mechanical properties of all-weld metal test specimens used to classify the electrodes will vary from those obtained in production joints because of differences in welding procedure such as electrode diameter, width of weave, welding position and material composition.

The classification according to system A is mainly based on EN 1599. The classification according to system B is mainly based upon standards used around the Pacific Rim.

Requests for official interpretations of any aspect of this standard should be directed to the Secretariat of ISO/TC 44/SC 3 via your national standards body, a complete listing of which can be found at www.iso.org

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