



SLOVENSKI STANDARD
SIST EN ISO 14172:2004
01-junij-2004

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Welding consumables - Covered electrodes for manual metal arc welding of nickel and nickel alloys - Classification (ISO 14172:2003)

Schweißzusätze - Umhüllte Stabelektroden zum Lichtbogenhandschweißen von Nickel und Nickellegierungen - Einteilung (ISO 14172:2003)

Produits consommables pour le soudage - Electrodes enrobées pour le soudage manuel à l'arc du nickel et des alliages de nickel - Classification (ISO 14172:2003)

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Ta slovenski standard je istoveten z: EN ISO 14172:2003

ICS:

25.160.20 Potrošni material pri varjenju Welding consumables

SIST EN ISO 14172:2004

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14172

November 2003

ICS 25.160.20

English version

**Welding consumables - Covered electrodes for manual metal
arc welding of nickel and nickel alloys - Classification (ISO
14172:2003)**

Produits consommables pour le soudage - Electrodes
enrobées pour le soudage manuel à l'arc du nickel et des
alliages de nickel - Classification (ISO 14172:2003)

Schweißzusätze - Umhüllte Stabelektroden zum
Lichtbogenhandschweißen von Nickel und
Nickellegierungen - Einteilung (ISO 14172:2003)

This European Standard was approved by CEN on 25 September 2003.

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 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 Management Centre has the same status as the official versions.

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

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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

EN ISO 14172:2003 (E)

CORRECTED 2003-12-17

Foreword

This document (EN ISO 14172:2003) 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 DS.

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 May 2004, and conflicting national standards shall be withdrawn at the latest by May 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 14172:2003 has been approved by CEN as EN ISO 14172:2003 without any modifications.

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NOTE Normative references to International Standards are listed in Annex ZA (normative).

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Annex ZA (normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 544	2003	Welding consumables - Technical delivery conditions for welding filler materials - Type of product, dimensions, tolerances and markings	EN ISO 544	2003

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INTERNATIONAL STANDARD

ISO 14172

First edition
2003-11-15

Welding consumables — Covered electrodes for manual metal arc welding of nickel and nickel alloys — Classification

*Produits consommables pour le soudage — Électrodes enrobées pour
le soudage manuel à l'arc du nickel et des alliages de nickel —
Classification*

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ISO 14172:2003(E)

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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope.....	1
2 Normative references	1
3 Classification.....	1
4 Symbols and requirements	1
4.1 Symbol for the product/process.....	1
4.2 Symbol for the chemical composition of the all-weld metal	2
5 Chemical analysis	2
6 Mechanical properties of the all-weld metal.....	2
7 Retests	2
8 Technical delivery conditions.....	3
9 Designation.....	3
Annex A (informative) System for designation of welding filler metals.....	8
Annex B (informative) Description of consumables classes.....	9
Annex C (informative) Equivalent national specifications	14

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ISO 14172:2003(E)**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 14172 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*.

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Introduction

This International Standard has been prepared with the assistance of the International Institute of Welding, Commission II.

This International Standard has been revised to assist an alignment between the documents prepared by CEN/TC 121/SC 3 in their work towards a CEN standard for covered electrodes for nickel-base alloys and those drawn up by Commission II of the IIW. The classifications in the IIW proposals remain largely unaltered but the designations now allow for the optional use of a chemical symbol in the form widely favoured in Europe.

Requests for an official interpretation of technical aspects of this international Standard should be directed to the secretariat of ISO/TC 44/SC 3 via the user's national standardization body. A listing of these bodies can be found at www.iso.org.

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