



SLOVENSKI STANDARD SIST EN ISO 14344:2005

01-maj-2005

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Welding and allied processes - Flux and gas shielded electrical welding processes -
Procurement guidelines for consumables (ISO 14344:2002)

Schweißen und verwandte Prozesse - Pulver- und gasgeschützte Schweißprozesse -
Richtlinien zur Beschaffung von Schweißzusätzen (ISO 14344:2002)

Soudage et techniques connexes - Procédés de soudage électrique sous protection
gazeuse et par flux - Lignes directrices relatives à l'approvisionnement en produits
consommables (ISO 14344:2002)

Ta slovenski standard je istoveten z: EN ISO 14344:2005

ICS:

25.160.20 Potrošni material pri varjenju Welding consumables

SIST EN ISO 14344:2005

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14344

March 2005

ICS 25.160.20

English version

**Welding and allied processes - Flux and gas shielded electrical
welding processes - Procurement guidelines for consumables
(ISO 14344:2002)**

Soudage et techniques connexes - Procédés de soudage
électrique sous protection gazeuse et par flux - Lignes
directrices relatives à l'approvisionnement en produits
consommables (ISO 14344:2002)

Schweißen und verwandte Prozesse - Pulver- und
gasgeschützte Schweißprozesse - Richtlinien zur
Beschaffung von Schweißzusätzen (ISO 14344:2002)

This European Standard was approved by CEN on 7 February 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, 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

EN ISO 14344:2005 (E)**Foreword**

The text of ISO 14344:2002 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 14344:2005 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 September 2005, and conflicting national standards shall be withdrawn at the latest by September 2005.

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

Endorsement notice

The text of ISO 14344:2002 has been approved by CEN as EN ISO 14344:2005 without any modifications.

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INTERNATIONAL STANDARD

ISO 14344

First edition
2002-07-15

Welding and allied processes — Flux and gas shielded electrical welding processes — Procurement guidelines for consumables

*Soudage et techniques connexes — Procédés de soudage électrique sous
protection gazeuse et par flux — Lignes directrices relatives à
l'approvisionnement en produits consommables*

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Reference number
ISO 14344:2002(E)

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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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 14344 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.

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Welding and allied processes — Flux and gas shielded electrical welding processes — Procurement guidelines for consumables

1 Scope

This International Standard is a tool for communication between a purchaser and a supplier of welding consumables within quality systems as might, for example, be based upon ISO 9001. This International Standard, together with an ISO or other recognized welding consumable standard, provides a method for preparing those specific details needed for welding consumable procurement which consist of the following:

- a) the welding consumable classification (selected from the pertinent ISO or other welding consumable standard);
- b) the lot classification (selected from Clause 5 of this International Standard);
- c) the testing schedule (selected from Clause 6 of this International Standard).

Selection of the specific welding consumable classification, lot classification and testing schedule will depend upon the requirements of the application for which the welding consumable is being procured.

2 Normative reference

[SIST EN ISO 14344:2005](https://standards.iteh.ai/catalog/standards/sist/8a3aa6b0-55d3-4d04-83a0-99a1cc7d3c75/sist-en-iso-14344-2005)

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The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of this publication do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 9001, *Quality management systems — Requirements*

3 Terms and definitions

In production, the components of welding consumables are divided into discrete, predetermined quantities so that satisfactory tests with a sample from that quantity will establish that the entire quantity meets specification requirements. These quantities, known by such terms as *heats*, *lots*, *blends*, *batches* and *mixes*, vary in size according to the manufacturer. For identification purposes, each manufacturer assigns a unique designation to each quantity. This designation usually consists of a series of numbers or letters, or combinations thereof, which will enable the manufacturer to determine the date and time (or shift) of manufacture, the type and source of the raw materials used, and the details of the procedures used in producing the welding consumable. This designation stays with the welding consumable and can be used to identify the material later, in those cases in which identification is necessary.

For the purposes of this International Standard, the following terms and definitions apply.

3.1

dry batch

quantity of dry ingredients mixed at one time in one mixing vessel