

**Welding consumables - Procurement of filler materials
and fluxes**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 14344:2010 sisaldab Euroopa standardi EN ISO 14344:2010 ingliskeelset teksti.

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Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 14344:2010 consists of the English text of the European standard EN ISO 14344:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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English Version

Welding consumables - Procurement of filler materials and
fluxes (ISO 14344:2010)

Produits consommables pour le soudage -
Approvisionnement en matériaux d'apport et flux (ISO
14344:2010)

Schweißzusätze - Beschaffung von Schweißzusätzen (ISO
14344:2010)

This European Standard was approved by CEN on 27 January 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 14344:2010) 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of an identical text or by endorsement, at the latest by August 2010, and conflicting national standards shall be withdrawn at the latest by August 2010.

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 14344:2005.

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Endorsement notice

The text of ISO 14344:2010 has been approved by CEN as an EN ISO 14344:2010 without any modification.

Welding consumables — Procurement of filler materials and fluxes

1 Scope

This International Standard specifies tools for communication between a purchaser and a supplier of welding consumables within quality systems, such as those based upon ISO 9001^[1].

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.

This International Standard, together with an applicable International Standard or other standard for welding consumables, provides a method for preparing those specific details needed for welding consumable procurement which consist of:

- a) the welding consumable classification (selected from the applicable International Standard or other standard for welding consumables);
- b) the lot classification (selected from Clause 4);
- c) the testing schedule (selected from Clause 5).

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

This International Standard does not apply to non-consumable electrodes or shielding gases.

2 Terms and definitions

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

2.1

dry batch

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

NOTE Liquid binder, when added to a dry batch, produces a wet mix. A dry batch can be divided into smaller quantities, in which case addition of the liquid binder produces as many wet mixes as there are smaller quantities.