

**Keevitustarvikud. Metalliliste
materjalide sulakeevitusel kasutatavate
lisametallide ja räbustite üldised
tootestandardid**

Welding consumables - General product standard
for filler metals and fluxes for fusion welding of
metallic materials

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13479:2005 sisaldab Euroopa standardi EN 13479:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.02.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13479:2005 consists of the English text of the European standard EN 13479:2004.</p> <p>This document is endorsed on 22.02.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This document specifies general delivery conditions for filler metals and fluxes for fusion welding of metallic materials. This document does not apply to auxiliaries such as shielding gases.</p>	<p>Scope:</p> <p>This document specifies general delivery conditions for filler metals and fluxes for fusion welding of metallic materials. This document does not apply to auxiliaries such as shielding gases.</p>
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Võtmesõnad: conformity tests, definition, definitions, evaluations, inspection, properties, protective gases, quality, quality assurance, quality requirements, specification (approval), specifications, test methods, testing, welding, welding engineering, welding filler metals

ICS 25.160.20

English version

Welding consumables - General product standard for filler metals and fluxes for fusion welding of metallic materials

Produits consommables pour le soudage - Norme produit
générale pour les métaux d'apport et les flux pour le
soudage par fusion de matériaux métalliques

Schweißzusätze - Allgemeine Produktnorm für Zusätze und
Pulver zum Schmelzschiessen von metallischen
Werkstoffen

This European Standard was approved by CEN on 12 November 2004.

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.



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Foreword

This document (EN 13479:2004) has been prepared 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 June 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.

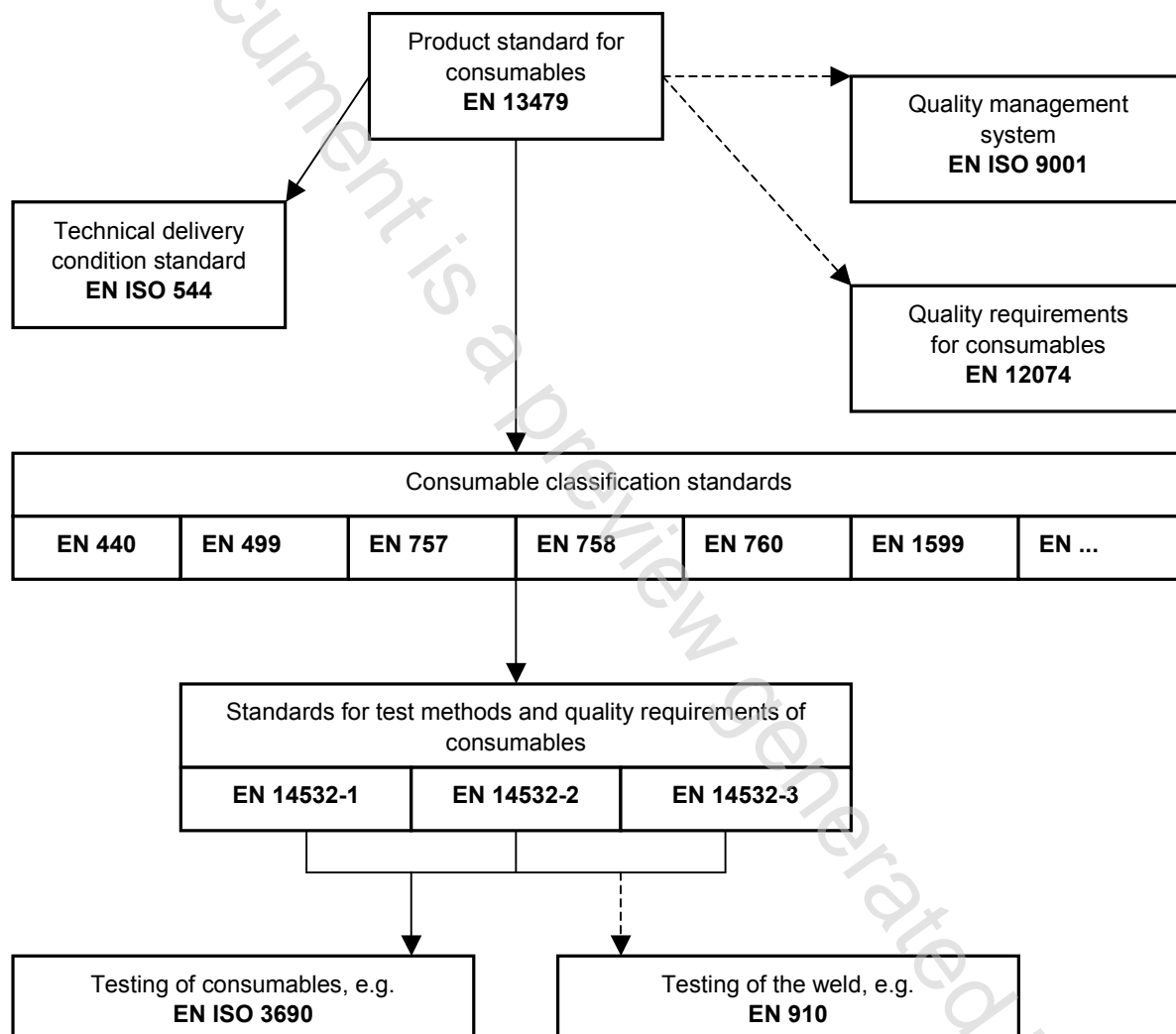
This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

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.

Introduction

This document is part of a family comprising the following:



1 Scope

This document specifies general delivery conditions for filler metals and fluxes for fusion welding of metallic materials. This document does not apply to auxiliaries such as shielding gases. This document is intended for application in a number of situations:

- The manufacturer should use this document to establish the product's characteristics.
- This document may be used for contractual purposes, as a reference document.
- This document should also be used as a reference document for product conformity assessment.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 760, *Welding consumables — Fluxes for submerged arc welding — Classification*

EN 10204, *Metallic products — Types of inspection documents*

EN 12074, *Welding consumables — Quality requirements for manufacture, supply and distribution of consumables for welding and allied processes*

EN 14532-1:2004, *Welding consumables — Test methods and quality requirements — Part 1: Primary methods and conformity assessment of consumables for steel, nickel and nickel alloys*

EN 14532-2, *Welding consumables — Test methods and quality requirements — Part 2: Supplementary methods and conformity assessment of consumables for steel, nickel and nickel alloys*

EN 14532-3:2004, *Welding consumables — Test methods and quality requirements — Part 3: Conformity assessment of wire electrodes, wires and rods for welding of aluminium alloys*

EN ISO 544, *Welding consumables — Technical delivery conditions for welding filler materials — Type of product, dimensions, tolerances and markings (ISO 544:2003)*

3 Terms and definitions

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

3.1

product specification

manufacturer's document which specifies requirements for a welding consumable including, as applicable, chemical composition and mechanical properties of deposited metal, coating type, flux composition, range of welding parameters, and the designation according to the appropriate classification standard

3.2

manufacturer

party who has legal responsibility for the finished quality of the product placed upon the market

3.3

deposited metal

filler metal that has been added during welding