



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 12074:2000**

ICS 25.160.20

**WELDING CONSUMABLES - QUALITY  
REQUIREMENTS FOR MANUFACTURE,  
SUPPLY AND DISTRIBUTION OF  
CONSUMABLES FOR WELDING AND ALLIED  
PROCESSES**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel: (01) 807 3800  
Tel: (01) 807 3838

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

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ICS 25.160.20

English version

**Welding consumables - Quality requirements for manufacture,  
supply and distribution of consumables for welding and allied  
processes**

Produits consommables pour le soudage - Exigences de  
qualité pour la fabrication, la fourniture et la distribution des  
produits consommables pour le soudage et les techniques  
connexes

Schweißzusätze - Qualitätsanforderungen für die  
Herstellung, die Lieferung und den Vertrieb von Zusätzen  
für das Schweißen und verwandte Verfahren

This European Standard was approved by CEN on 6 September 1999.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

**Central Secretariat: rue de Stassart, 36 B-1050 Brussels**

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## **Foreword**

This European Standard has been prepared by 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 October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This standard has been prepared such that:

- it is independent of the type of consumable to be manufactured and delivered;
- it defines quality requirements for manufacture, supply and distribution of consumables;
- it provides guidance for manufacturers, suppliers and distributors of consumables for describing the capability to manufacture, supply and deliver consumables for welding and allied processes to meet specified requirements;
- it can also be used as a basis for assessing and certifying the manufacturer, supplier and distributor in respect to his capability.

This standard is appropriate when demonstration of a manufacturer's, a supplier's or a distributor's capability to manufacture, supply and deliver consumables for welding and allied processes is specified in one or more of the following:

- a contract between involved parties;
- an application standard;
- a standard for approval of welding consumables;
- a regulatory requirement.

The requirements in the standard provide a framework for control of manufacture, supply and distribution of consumables in the following cases:

- a) to identify the requirements for manufacture, supply and distribution of consumables in contracts which require the manufacturer, the supplier or the distributor to have a quality system in accordance with EN ISO 9001 or EN ISO 9002;
- b) to provide specific requirements for manufacture, supply and distribution of consumables as a guidance to manufacturers, suppliers or distributors developing a quality system;
- c) to provide specific requirements for manufacture, supply and distribution of consumables in specifications, standards and regulations which require the manufacturer, the supplier or the distributor of consumables to have a quality system as a condition for approval or certification of consumables.

A company qualified in accordance with EN ISO 9001 or EN ISO 9002 as manufacturer or supplier of welding consumables, as appropriate, shall be deemed to comply with this standard.

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