



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 30042:1994

ICS 25.160.40

**ARC-WELDED JOINTS IN ALUMINIUM AND  
ITS WELDABLE ALLOYS – GUIDANCE ON  
QUALITY LEVELS FOR IMPERFECTIONS  
(ISO 10042:1992)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

OF

SPECIFICATION

ENTITLED

ARC-WELDED JOINTS IN ALUMINIUM AND ITS WELDABLE ALLOYS – GUIDANCE ON  
QUALITY LEVELS FOR IMPERFECTIONS (ISO 10042:1992)

AS

THE IRISH STANDARD SPECIFICATION FOR

ARC-WELDED JOINTS IN ALUMINIUM AND ITS WELDABLE ALLOYS – GUIDANCE ON  
QUALITY LEVELS FOR IMPERFECTIONS (ISO 10042:1992)

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Arc-Welded Joints in Aluminium and its Weldable Alloys – Guidance on Quality Levels for Imperfections (ISO 10042:1992)) Declaration, 1994.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Arc-Welded Joints in Aluminium and its Weldable Alloys – Guidance on Quality Levels for Imperfections (ISO 10042:1992). The Schedule comprises the text of EN 30042 : 1994.

(2) The said standard specification may be cited as Irish Standard/EN 30042:1994 or as I.S./EN 30042:1994.



EUROPEAN STANDARD

EN 30042

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1994

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UDC 621.791.754/.755:669.71:620.179.2

Descriptors: Aluminium, aluminium alloys, welding, arc welding, gas shielded welding, plasma arc welding, welded joints, butt welds, filled welds, weld defect, specifications, acceptability

English version

**Arc-welded joints in aluminium and its weldable  
alloys - Guidance on quality levels for  
imperfections (ISO 10042:1992)**

Assemblages en aluminium et alliages  
d'aluminium soudables soudés à l'arc - Guide  
des niveaux d'acceptation des défauts  
(ISO 10042:1992)

Lichtbogenschweißverbindungen an Aluminium und  
seinen schweißgeeigneten Legierungen -  
Richtlinie für die Bewertungsgruppen von  
Unregelmäßigkeiten (ISO 10042:1992)

This European Standard was approved by CEN on 1994-05-12. 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.

The European Standards exist 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.

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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

## **Foreword**

The text of the International Standard ISO 10042:1992 prepared by ISO/TC 44 "Welding and allied processes" was submitted to the Unique Acceptance Procedure (UAP) and was approved as EN 30042 on 1994-05-12 without any modification.

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 November 1994, and conflicting national standards shall be withdrawn at the latest by November 1994.

This European Standard has been prepared under a mandate given to CEN by the Commission of the European Communities and the European Free Trade Association, and supports essential requirements of EC Directive(s).

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

## **Endorsement notice**

The text of the International Standard ISO 10042:1992 was approved by CEN as a European Standard without any modification.

**NOTE:** Normative references to international publications are listed in annex ZA (normative).

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