



National Standards Authority of Ireland

STANDARD

I.S. EN ISO 9692-4:2003

ICS 25.160.40

National Standards
Authority of Ireland
Dublin 9
Ireland

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

**WELDING AND ALLIED PROCESSES -
RECOMMENDATIONS FOR JOINT
PREPARATION - PART 4: CLAD STEELS (ISO
9692-4:2003)**

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English version

Welding and allied processes - Recommendations for joint preparation - Part 4: Clad steels (ISO 9692-4:2003)

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Schweißen und verwandte Prozesse - Empfehlungen zur Schweißnahtvorbereitung - Teil 4: Plattierte Stähle (ISO 9692-4:2003)

This European Standard was approved by CEN on 20 February 2003.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN ISO 9692-4:2003) 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of an identical text or by endorsement, at the latest by February 2004, and conflicting national standards shall be withdrawn at the latest by February 2004.

EN ISO 9692 "*Welding and allied processes – Recommendations for joint preparation*" consists of the following Parts:

- *Part 1: Manual metal-arc welding, gas-shielded metal-arc welding, gas welding, TIG welding and beam welding of steels.*
- *Part 2: Submerged arc welding of steels.*
- *Part 3: Metal inert gas welding and tungsten inert gas welding of aluminium and its alloys.*
- *Part 4: Clad steels*

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1 Scope

This Part of this European Standard gives recommendations for types of joint preparation for clad steels.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the test and the publications are listed hereafter. For dated references, subsequent amendments to or revision of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 1011-5, Welding – Recommendations for welding of metallic materials – Part 5: Welding of clad steels

3 Materials

Joint preparations recommended in this part of EN ISO 9692 are suitable for all types of weldable clad steels.

4 Types of joint preparation

The recommended types of joint preparation and dimensions are specified in Tables 1 to 4.

Details concerning welding recommendations for clad steels are given in EN 1011-5.

Figures showing the completed joint are given in Table 4 for clarity.

In certain cases, where the welding process may produce a brittle phase e.g. clad steels with cladding of titanium, zirconium and their alloys, a deviation from the weld preparations shown may be necessary.

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