Welding and allied processes – Recommendations for joint preparation Part 4: Clad steels (ISO 9692-4: 2003) English version of DIN EN ISO 9692-4

<u>DIN</u> EN ISO 9692-4

ICS 25.160.40

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

This standard, together with DIN EN 1011-5, October 2003 edition, supersedes DIN 8553, February 1991 edition.

European Standard EN ISO 9692-4: 2003 has the status of a DIN Standard.

National foreword

This standard has been published in accordance with a decision taken by CEN/TC 121 to adopt, without alteration, International Standard ISO 9692-4 as a European Standard.

The responsible German body involved in its preparation was the *Normenausschuss Schweißtechnik* (Welding Standards Committee), Technical Committees *Darstellung und Begriffe der Schweißtechnik* and *Schweißen im Anlagen-, Behälter- und Rohrleitungsbau.*

Amendments

DIN 8553, February 1991 edition, has been superseded by the specifications of EN ISO 9692-4, which is identical to ISO 9692-4.

Previous editions

DIN 8553: 1961-08, 1970-04, 1991-02.

EN comprises 12 pages.



EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 9692-4

August 2003

ICS 25.160.40

English version

Welding and allied processes – Recommendations for joint preparation

Part 4: Clad steels (ISO 9692-4: 2003)

Soudage et techniques connexes – Recommandations pour la préparation de joints – Partie 4: Aciers plaqués (ISO 9692-4: 2003) Schweißen und verwandte Prozesse – Empfehlungen zur Schweißnahtvorbereitung – Teil 4: Plattierte Stähle (ISO 9692-4: 2003)

This European Standard was approved by CEN on 2003-02-20.

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 Management Centre 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

© 2003. CEN – All rights of exploitation in any form and by any means reserved worldwide for CEN national members.

Ref. No. EN ISO 9692-4: 2003 E

Contents

	Pa	age
Forewo	ord	2
1	Scope	. 3
2	Normative references	3
3	Materials	3
4	Types of joint preparation	. 3
Table 1	1 — Joint preparation for clad steels welded from both sides	. 4
Table 2	2 — Joint preparation for clad steels welded from both sides with cladding removal	6
Table 3	3 — Joint preparation for clad steels welded from one side	. 8
Table 4	4 – Joint preparation for clad steels incorporating a backing, insert or cover strip	10
Bibliog	graphy	12

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

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