



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1011-6:2006

ICS 25.160.10

**WELDING - RECOMMENDATION FOR
WELDING OF METALLIC MATERIALS - PART
6: LASER BEAM WELDING**

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English Version

Welding - Recommendation for welding of metallic materials - Part 6: Laser beam welding

Soudage - Recommandations pour le soudage des
matériaux métalliques - Partie 6: Soudage par faisceau
laser

Schweißen - Empfehlungen zum Schweißen metallischer
Werkstoffen - Teil 6: Laserstrahlschweißen

This European Standard was approved by CEN on 28 November 2005.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This European Standard (EN 1011-6:2005) 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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

This standard is composed of the following parts:

- Part 1: General guidance for arc welding;
- Part 2: Arc welding of ferritic steels;
- Part 3: Arc welding of stainless steels;
- Part 4: Arc welding of aluminium and aluminium alloys;
- Part 5: Welding of clad steel;
- Part 6: Laser beam welding;
- Part 7: Electron beam welding;
- Part 8: Welding of cast irons (prepared by CEN/TC 190).

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