

Welding — Recommendations for welding of metallic materials —

Part 2: Arc welding of ferritic steels

The European Standard EN 1011-2:2001, with the incorporation of amendment A1:2003 has the status of a British Standard

ICS 25.160.10

National foreword

This British Standard is the official English language version of EN 1011-2:2001 including amendment A1:2003. Together with BS EN 1011-1:1998 it supersedes BS 5135:1984 which is withdrawn.

It is important to that the BS EN 1011 series of standards uses the concept of heat input to the weld where as BS 5135 used arc energy. These two terms are not interchangeable and care should be taken when transposing data from BS 5135 to the BS EN 1011 standards.

Attention is also drawn to the fact that annex C of this standard details two methods for predicting preheat temperatures to avoid hydrogen cracking. The differences in origin and experience used to develop these two methods are detailed in C.1 and this can be used as a guide to their application.

Traditionally in the UK the method detailed in BS 5135 has been used in conjunction with weld procedure approval in accordance with the BS EN 288 series. The method detailed in C.2 is that given in BS 5135, in an updated form.

The UK participation in its preparation was entrusted to Technical Committee WEE/17, Metal-arc welding of steel, which has the responsibility to

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 58, an inside back cover and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
14926	12 February 2004	Deletion of Annex ZA

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English version

**Welding — Recommendations for welding of metallic
materials — Part 2: Arc welding of ferritic steels**
(includes amendment A1:2003)

Soudage — Recommandations pour le soudage des
matériaux métalliques — Partie 2: Soudage à l'arc des
aciers ferritiques
(inclut l'amendement A1:2003)

Schweißen — Empfehlungen zum Schweißen metallischer
Werkstoffe — Teil 2: Lichtbogenschweißen von ferritischen
Stählen
(enthält Änderung A1:2003)

This European Standard was approved by CEN on 6 July 2000 and amendment A1 was approved by CEN on 20 November 2003..

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