Iron and steel— Ultrasonic testing of H beams with parallel flanges and IPE beams

The European Standard EN 10306:2001 has the status of a British Standard

ICS 77.040.20



This is a preview. Click here to purchase the full publication.

National foreword

This British Standard is the official English language version of EN 10306:2001.

The UK participation in its preparation was entrusted to Technical Committee ISE/72, Methods of physical and metallographic testing, 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

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled "International Standards Correspondence Index", or by using the "Find" facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Engineering Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 26 February 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 14, an inside back cover and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

Amendments issued since publication

	Amd. No.	Date	Comments
•			
•			

© BSI 26 February 2002

ISBN 0 580 39177 9

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 10306

December 2001

ICS 77.040.20: 77.140.70

English version

Iron and steel - Ultrasonic testing of H beams with parallel flanges and IPE beams

Produits sidérurgiques - Contrôle par ultrasons des poutrelles à larges ailes à faces parallèles et des poutrelles IPF

Eisen und Stahl - Ultraschallprüfung von H-Profilen mit parallelen Flanschen und IPE-Profilen

This European Standard was approved by CEN on 30 September 2001.

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.

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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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

© 2001 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 10306:2001 E

This is a preview. Click here to purchase the full publication.

Contents

		page
Forewo	ord	3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Items for agreements	5
5	Principle	5
6	Procedure	5
7	Personnel qualification	6
8	Ultrasonic test equipment	6
8.1	Instrument	6
8.2 8.3	ProbeCalibration blocks	
8.4	Reference blocks	
8.5	Couplant	
9	Routine calibration and checking	7
10	Stage of manufacture	
11	Surface condition	8
12	Sensitivity setting	8
13	Scanning	
13.1	General	8
13.2	Testing of the beams	
13.3	Scanning speed	
14	Evaluation of discontinuities	10
15	Recording level and acceptance criteria	10
16	Test report	11
Annex	A (informative) List of equivalent terms in several European languages	13
Bibliod	graphy	14