



BS 3923 : Part 2 : 1972

Methods for
**Ultrasonic
Examination
of Welds**

Part 2. Automatic examination of
fusion welded butt joints in ferritic steels

British Standards Institution

THIS BRITISH STANDARD, having been approved by the Welding Industry Standards Committee, was published under the authority of the Executive Board on 22nd August, 1972.

© British Standards Institution, 1972.

First published August 1965
First revision August, 1972

ISBN: 0 580 07436 6

Copyright

Users of British Standards are reminded that copyright subsists in all BSI publications. No part of this publication may be reproduced in any form without the prior permission in writing of BSI. This does not preclude the free use, in the course of implementing the standard, of necessary details such as symbols and size, type or grade designations. Enquiries should be addressed to the BSI Secretariat.

Contract requirements

Attention is drawn to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

Revision of British Standards

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions. Full information on all BSI publications, numbering over 9000 will be found in the *BSI Catalogue*. This information is supplemented by details published each month in *BSI News* of new publications, revisions and amendments.

BSI News is available to Subscribing Members of the Institution. All other publications may be purchased direct from Sales Department. Enquiries concerning subscribing membership, which has considerable advantages, will be welcomed, and should be made to Subscriptions Department. Both departments are located at:

Linford Wood, Milton Keynes MK14 6LE (Telephone Milton Keynes (0908) 320066; Telex 825777).

The following BSI references relate to the work on this standard:
Committee reference WEE/34 Draft for comment 70/26486

Co-operating Organizations

The Welding Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- | | |
|---|--|
| Aluminium Federation | Institution of Civil Engineers |
| *Associated Offices Technical Committee | Institution of Electrical Engineers |
| Association of Consulting Engineers | Institution of Mechanical Engineers |
| British Constructional Steelwork Association | Institution of Production Engineers |
| *British Electrical and Allied Manufacturers' Association | Institution of Structural Engineers |
| British Railways Board | *Lloyd's Register of Shipping |
| *British Steel Industry | London Transport Executive |
| Crown Agents for Oversea Governments and Administrations | Ministry of Defence, Combined |
| Department of Employment | *Ministry of Defence, Navy Department |
| Department of Trade and Industry | *Shipbuilders' and Repairers' National Association |
| Department of Trade and Industry, National Engineering Laboratory | *Society of British Aerospace Companies Limited |
| | *Welding Institute |

The Government department and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- | | |
|--|--|
| British National Committee for Non-destructive Testing | Non-destructive Testing Society of Great Britain |
| Electricity Council, the Central Electricity Generating Board and the Area Boards in England and Wales | Process Plant Association |
| Engineering Equipment Users Association | Society of Motor Manufacturers and Traders |
| Institute of Physics and the Physical Society | Society of Non-destructive Examination |
| Ministry of Defence, Army | United Kingdom Atomic Energy Authority |
| National Coal Board | Water-tube Boilermakers Association |
| | Individual firm |