



BS 2600 : Part 1 : 1983

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British Standard

Radiographic examination of fusion welded butt joints in steel

Part 1. Methods for steel 2 mm up to and including 50 mm thick

Examen radiographique des joints bout-&bout soudés par fusion dans l'acier
Partie 1. Aciers d'épaisseur comprise entre 2 et 50 mm inclus

Durchstrahlungsprüfung von schmelzgeschweißten Stumpfnähten an Stahl
Teil 1. Verfahren bei Stahl von 2 mm bis einschließlich 50 mm Dicke

British Standards Institution

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Foreword

This Part of BS 2600 has been prepared under the direction of the Welding Standards Committee. It is a revision of BS 2600 : Part 1 : 1973, which is withdrawn. It is essential to quote the technique number in addition to the BS number whenever this standard is used.

The standard is divided into two Parts, not only to align with the thickness division adopted in the ISO recommendations, but also to allow more definite requirements to be given in BS 2600 : Part 2 for the greater thicknesses.

The same number of techniques has been maintained, the methods being suitable for all types of application, but no mandatory direction is given of when a particular technique should be used. As so many factors affect the exposure time, minimum values have not been made

mandatory but are merely included as guidance. The extent of radiographic examination that should be applied and standards of acceptance are not specified as both of these aspects should be covered in the appropriate application standard or be agreed between the contracting parties.

The explanatory information in appendix A has been retained to amplify and, in some instances, to give the reasons underlying what is stated in this standard.

This edition introduces Ytterbium 169 and Thulium 170 for the first time as gamma-ray sources, thus reducing the lower limit of the thickness range covered by the standard to 2 mm for both X-rays and gamma-rays.

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