

Method for

Ultrasonic testing of ferritic steel castings including quality levels

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- Institute of British Foundrymen
- Institution of Mechanical Engineers
- Lloyds' Register of Shipping
- Ministry of Defence
- Process Plant Association
- Steel Casting Research and Trade Association
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Foreword

This British Standard has been prepared under the direction of the Iron and Steel Standards Policy Committee and is a revision of BS 6208:1982, which is withdrawn.

The scope has been widened to include castings of 15 mm to 30 mm thickness.

A range of quality levels has been provided, from which a choice may be made by the purchaser when referred to in product standards for steel castings. This range is not necessarily exhaustive but is believed to cover most normal requirements for steel castings intended for general engineering and pressure purposes.

Attention is drawn to the indicated dimensions of defects for different quality levels. These can not be regarded as absolute sizes in any assessment of the serviceability of a casting. For small planar discontinuities in particular, the techniques may underestimate the absolute dimensions.

No formal qualifications have been specified for operators but those provided by a number of appropriate technical teaching and other establishments are recognized by industry and may be specified by the purchaser.

This standard does not contain detailed descriptions of techniques. It has been assumed in the drafting of this British Standard that the execution of its provisions is entrusted to appropriately qualified and experienced people.

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.