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Second edition
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Welding consumables — Test methods —

Part 3:

Classification testing of positional capacity and root penetration of welding consumables in a fillet weld

Produits consommables pour le soudage — Méthodes d'essai —

Partie 3: Évaluation de l'aptitude au soudage en position et de la pénétration en racine des produits consommables pour les soudures d'angle



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 15792-3 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*.

This second edition cancels and replaces the first edition (ISO 15792-3:2000). It also incorporates the Technical Corrigendum ISO 15792-3:2000/Cor.1:2006.

ISO 15792 consists of the following parts, under the general title *Welding consumables — Test methods*:

- *Part 1: Test methods for all-weld metal test specimens in steel, nickel and nickel alloys*
- *Part 2: Preparation of single-run and two-run technique test specimens in steel*
- *Part 3: Classification testing of positional capacity and root penetration of welding consumables in a fillet weld*

Requests for official interpretations of any aspect of this part of ISO 15792 should be directed to the Secretariat of ISO/TC 44/SC 3 via your national standards body. A complete listing of these bodies can be found at www.iso.org.

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Introduction

This part of ISO 15792 specifies the preparation and assessment of fillet weld test pieces.

The test conditions specified and results required should not be considered to be requirements or expectations for a procedure qualification.