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Third edition
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Corrected version
2022-02

Non-destructive testing of welds — Acceptance levels for radiographic testing —

Part 2: Aluminium and its alloys

Essais non destructifs des assemblages soudés — Niveaux d'acceptation pour évaluation par radiographie —

Partie 2: Aluminium et ses alliages

Reference number
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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 5, *Testing and inspection of welds,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 10675-2:2017), which has been technically revised.

The main changes compared to the previous edition are as follows:

— new Table 1 added with abbreviations;

— in Table 4 (former Table 3), acceptance levels for maximum permissible pore sizes of porosity, clustered porosity, linear porosity, elongated cavities and for lack of fusion have been added;

— the acceptance levels in Clause 6 have been extended (General and tables);

— the capture of Figure B.1 has been revised to conform with ISO 10042:2018;

— Figures C.1, C.2 and the text have been revised to conform with ISO 10042:2018.

— the document has been editorially revised.

A list of all parts of the ISO 10675 series can be found on the ISO website.

Official interpretations of ISO/TC 44 documents, where they exist, are available from this page: https://committee.iso.org/sites/tc44/home/interpretation.html.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This corrected version of ISO 10675-2:2021 incorporates the following correction:

— in Table 4, line number 8 of the column "Acceptance level 3", the formula shall be corrected as follows:

"$l \leq 0{,}3s$, max. 3 mm"