

Third edition  
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# Non-destructive testing of welds — Acceptance levels for radiographic testing —

## Part 1: Steel, nickel, titanium and their alloys

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

*Partie 1: Acier, nickel, titane et leurs alliages*



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CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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](http://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 10675-1:2016), which has been technically revised.

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

- new [Table 1](#) added with abbreviations;
- old [Table 1](#) has been split into [Table 2](#) and [Table 3](#);
- in [Table 4](#) (former [Table 2](#)), acceptance levels for maximum permissible pore sizes of porosity, clustered porosity, linear porosity and for lack of fusion have been added;
- the acceptance levels in [Clause 6](#) have been extended (General and tables);
- the captures of [Figure B.1](#) to [B.9](#) have been revised to conform with ISO 5817:2014;
- [Figures C.1](#) and [C.2](#) and the text have been revised to conform with ISO 5817:2014;
- 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>.

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