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International

ISO 17779

Brazing — Specification and qualification of brazing procedures for metallic materials

Brasage fort — Descriptif et qualification d'un mode opératoire de brasage fort pour les matériaux métalliques

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes,* Subcommittee SC 11, *Qualification requirements for welding and allied processes personnel*, 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 second edition cancels and replaces the first edition (ISO 17779:2021), which has been technically revised.

The main changes are as follows:

— in general, all requirements have been clarified by use of suitable revisions;

— introduction has been revised to match text used in ISO/DIS 15614-1;

— reference to Annex A has been moved from the scope to 7.5;

— reference to ISO 857-2 has been deleted from the scope;

— scope revised by removing the statement: “The principles of this document can be applied to other brazing processes and brazing of materials not listed";

— normative references in Clause 2 have been updated;

— in 7.2, 7.3, 7.4.2, 7.4.3, 7.4.4 and 7.4.5, the use of technically equivalent standards is no longer permitted

— in Table 4, the footnotes have been revised for clarity;

— in 8.7, the use of other standards that provide equivalent technical conditions is no longer permitted;

— ISO 11745 has been added to a new bibliography.

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The purpose of this document is to provide a general set of rules for brazing procedure qualification independent of product or application.

All new brazing procedure qualification tests are intended to be performed in accordance with this document. Specification and qualification of brazing procedures that were made in accordance with previous editions of this document may be used for any application for which the current edition is specified. In this case, the ranges of qualification of previous editions remain applicable.

Where additional tests need to be carried out to make the qualification technically equivalent, it is only necessary to perform the additional tests on a test piece which should be made in accordance with this document.

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