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| STN | Nedeštruktívne skúšanie Skúšanie ultrazvukom Špecifikácia kalibračného bloku pri skúšaní technikou phased array (PAUT) (ISO 19675: 2017) | STN EN ISO 19675 01 5020 |
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Non-destructive testing - Ultrasonic testing - Specification for a calibration block for phased array testing (PAUT) (ISO 19675:2017)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/24

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EUROPEAN STANDARD

EN ISO 19675

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English Version

Non-destructive testing - Ultrasonic testing - Specification for a calibration block for phased array testing (PAUT) (ISO 19675:2017)

Essais non destructifs - Contrôle par ultrasons -
Spécifications relatives au bloc d'étalonnage pour la
technique multiéléments (ISO 19675:2017)

Zerstörungsfreie Prüfung - Ultraschallprüfung -
Festlegungen für einen Kalibrierkörper für die Phased-
Array-Prüfung (PAUT) (ISO 19675:2017)

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EN ISO 19675:2024 (E)

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European foreword

The text of ISO 19675:2017 has been prepared by Technical Committee I1W "International Institute of Welding" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 19675:2024 by Technical Committee CEN/TC 138 "Non-destructive testing" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2025, and conflicting national standards shall be withdrawn at the latest by January 2025.

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Endorsement notice

The text of ISO 19675:2017 has been approved by CEN as EN ISO 19675:2024 without any modification.

INTERNATIONAL STANDARD

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Non-destructive testing — Ultrasonic testing — Specification for a calibration block for phased array testing (PAUT)

Essais non destructifs — Contrôle par ultrasons — Spécifications relatives au bloc d'étalonnage pour la technique multiéléments



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ISO 19675:2017(E)

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.

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This document was prepared by Technical Committee ISO/IIW, *International Institute of Welding*, Commission V.

Requests for official interpretations of any aspect of this document should be directed to the ISO Central Secretariat, who will forward them to the IIW Secretariat for an official response.

Non-destructive testing — Ultrasonic testing — Specification for a calibration block for phased array testing (PAUT)

1 Scope

This document specifies requirements for the dimensions, material and manufacture of a steel block for calibrating ultrasonic test equipment used in ultrasonic testing with the phased array technique.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5577, *Non-destructive testing — Ultrasonic testing — Vocabulary*

EN 16018, *Non-destructive testing — Terminology — Terms used in ultrasonic testing with phased arrays*

EN 10025-2, *Hot rolled products of structural steels — Part 2: Technical delivery conditions for non-alloy structural steels*

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