

# Update ISO 4761

Non-destructive testing of welds — Phased array ultrasonic testing (UT-PA) for thin-walled steel components — Acceptance levels

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# KINT project

- Development of Acceptance Criteria for Ultrasonic Phased Array Examination of Steel Components with Small Wall Thickness
- Input for draft ISO standard
  - In line with other standards (ISO 5817, ISO 20601)
- 09-2016 Kick-off KINT/SKOP project
  - Phase E: Draft standard
- 10-2019 KINT Symposium
  - Project duration 3 years
  - Request ISO for New Work Item Proposal

# ISO timeline

- 03-2020 Project approved
  - Clock starts, maximum 36 months
  - Handled by ISO/TC 44/SC 5/WG 2 Ultrasonic testing of welds
- International ballots → discuss comments in WG 2
  - New Project (NP) Clarifications
  - Committee Draft (CD)
  - Draft International Standard (DIS) No technical changes
  - ~~Final Draft International Standard (FDIS)~~
- Publication
  - December 2021?
  - Within 2 years!

# European standard

- 05-2020 Parallel process for EN-ISO not approved
  - Not enough countries voted to participate actively
- Request for adoption of ISO 4761 as EN-ISO
  - After publication of ISO 4761
  - EN-ISO will also result in NEN-EN-ISO
  - Publication Mid 2022?

# Conclusions

- The KINT project provided a solid basis for an ISO standard
  - Limited technical comments
  - No technical changes to the DIS, directly to publication
- Request for EN-ISO
- Thanks to the participants in the KINT project and the ISO project!
  
- Questions?
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