



Update of NIFG Action to Provide Guidance for the Application of Team Scanning for the Ultrasonic Examination of Dissimilar Metal (DM) Welds

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Team Scanning Guidance Update

- Team Scanning is applicable to non-encoded UT examinations and is defined as:
 - When one technician scans or physically manipulates the ultrasonic search unit during an examination while a separate qualified examiner performs real time interpretation of the displayed ultrasonic information

Team Scanning Guidance Update

- Purpose
 - Provide guidance for the application of team scanning for the non-encoded ultrasonic examination of DM welds
 - Includes the steps necessary to ensure that the team scanning process is effectively implemented
- Status
 - Guideline drafted for industry review

Team Scanning Guidance Update

- Team scanning **is not prohibited** by the ASME Section XI Code as addressed in ASME Section XI, Interpretation XI-1-92-39
- The interpretation states that the requirements of Appendix VIII, VIII-1100(c) [*“performance demonstration requirements apply to personnel who detect, record, or interpret indications or size flaws in welds and components”*] **do not apply to personnel**, qualified in accordance with IWA-2300, **whose only function is the scanning** and physical manipulation of the ultrasonic transducer, at the direction of an individual who determines which indications should be recorded and or interpreted

Team Scanning Guidance Update

- Recommendations:
 - Team scanning is not to be utilized as the default examination approach
 - When used the following guidance is provided:
 - Utility shall approve the decision
 - Alternatives should be considered
 - Scanner is qualified in accordance with IWA-2300
 - Review of the expectations
 - Demonstrate the scanning process
 - Scanner and examiner in direct communication and line of sight
 - Scanner have ability to monitor the instrument display

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