



Ultrasonic Phased Array Inspection of Welds, a 40-hour course leading to employer based certification in accordance with SNT-TC-1A

- 40 hour (1 week) course for inspectors already certified level 2 or 3 in conventional ultrasonic inspection of welds and Weldments and needing to progress into phased array inspection.
- Formal classroom theory sessions covering, comparison of conventional ultrasonic theory and phased array theory and techniques, familiarization with the OmniScan® operation.
- Phased Array and TOFD theory explained and demonstrated.
- Structured hands-on practical exercises using the OmniScan® on our range of weld defect samples (Please feel free to also bring your own samples).
- Experience will be gained in using, electronic scanning, sectorial scanning, beam steering, TOFD.
- Technique development training and set-up optimization.
- Flaw characterization and sizing techniques.
- Software manipulation for imaging, data storage and set-up storing.
- This course can be used for certification requirements in accordance with employer based certification programs such as SNT-TC-1A or NAS-410. Assistance will be provided to enable course attendees to incorporate the additional requirements into their NDT personnel certification program.
- Qualification examinations can be administered on course completion by prior arrangement.