



NDT Spot, Inc.

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TRAINING DESCRIPTION

Phased Array / True-to-Geometry / Multiple skips

(Level I) Code: PATTG

1. Content of the course:

- Isonic's technology description
- Basic Isonic 3510 operation.
- General set up of the Isonic 3510.
- General procedure description. From probe selection to scanning and report.
- Criteria for Application Software selection.
- Probe and wedge's files management and Probe Check procedure.
- Ultrasonic and phased array parameters set up.
- Building the DAC/TCG curve.
- Scan Plan: AGC; geometry coverage (True-to-Geometry set up); coupling monitoring set up.
- True-to-Geometry performance verification.
- True – to Geometry scan Sep up.
- Creation of files for Multi Grouped scans.
- Inspection Scan.
- Postprocessing and reporting.
- Basic procedure application examples.

2. Duration: 24 Hours

3. The students must meet the following previous training requirements:

- UT Level II (Conventional Shear wave).
- 40-hour Phased Array training.

4. Course includes:

- Course Manual.
- Equipment, probes, Wedges, and blocks for hand on activities.

5. Class Capacity:

- Due COVID 19 contingency capacity is limited to 6 persons.
- 3 people without equipment (NDT Spot will supply the equipment)
- 3 people bringing at least the Isonic 3510 or Isonic 2010. The technician who brings his own unit will receive a 20% discount.