

Duration: 6 Days

Fees: 28,000 Baht / Person*

Training Sessions: 18 – 23 June 2018 (Bangkok)

Suitable for / Requested level:

- NDT Operator, Technician, Engineer the aerospace manufacturing, service, maintenance and overhaul industries.

Level 1: Responsibilities & Objectives:

- Be able to follow work instructions
- Have the skills and knowledge to process parts, document results and perform equipment standardization in accordance with approved work instructions
- Have the skills and knowledge to carry out any necessary preparation of parts before or after inspection in accordance with approved work instructions
- Have the skills and knowledge to conduct system performance checks in accordance with the applicable process standard
- Receive guidance or supervision from the certified Level 2 or Level 3 in that method when necessary
- Perform interpretations and evaluations of specific products or product form for acceptance or rejection in accordance with approved work instructions

Content:

- Introduction to Ultrasonic
- Propagation of Ultrasonic Waves in Materials
- Acoustic Impedance
- Behaviour of Ultrasound at Material Interfaces
- Piezoelectric Transducer
- Flaw Detector Principles
- Attenuation
- Ultrasonic Contact Testing
- Calibration Blocks
- Calibrating Ultrasonic Testing System
- Defects Sizing
- Manufacturing Discontinuities
- Practice

Duration: 6 Days

Fees: 35,000 Baht / Person*

Training Sessions: 3 – 8 September 2018 (Bangkok)

Suitable for / Requested level:

- NDT Operator, Technician, Engineer in the aerospace manufacturing, service, maintenance and overhaul industries.

Level 2: Responsibilities & Objectives:

- Have the skills and knowledge to set up and standardize equipment, process parts, interpret and evaluate for acceptance or rejection, and document result
- Be thoroughly familiar with the scope and limitation of the technique/method
- Have the skills and knowledge to conduct system performance checks in accordance with the applicable process standard.
- Be capable of providing the necessary guidance and/or supervision to trainees and Level 1 personnel
- Be familiar with the codes, standards, and other contractual that control the method as used by the employer
- Be capable of developing work instructions from approved general procedures. However, work instructions shall require final approved by a Level 3 certificate in the method
- Have a basic knowledge of relevant product manufacturing and inspection technology
- Have a basic knowledge of aircraft or vehicle maintenance

Content:

- Review of Ultrasonic Inspection Theory
- Calibration Blocks
- Calibrating Ultrasonic Testing System
- Defects Sizing
- Manufacturing Discontinuities
- Some Specific Applications of UT Techniques
- Codes & Standards
- UT Advanced Techniques
- Practice

* Excluding VAT - Published prices and schedules are subject to change without advance notification

* Registration fees are inclusive of lunch and coffee breaks