

## B.1.7

# ULTRASONIC TESTING LEVEL 1

Certification: EN ISO 9712

Duration: 10 Days

Fees: 39,000 Baht / Person\*

Training Sessions: 12 – 23 February 2018 (Bangkok)  
20 – 31 August 2018 (Bangkok)

### Suitable for:

- NDT Operator
- Technician
- Engineer

### Level 1: Responsibilities

- Setting up the equipment
- Inspection in accordance with the written procedure
- Interpretation and evaluation of tested result under the supervision of Level 2 or Level 3 Inspectors

### Content:

- General knowledge of NDT methods and personnel qualification
- Physics principles of sound wave propagation
- Piezoelectric transducer
- Flaw detection principles
- Ultrasonic contact testing
- Calibration blocks
- Defect sizing
- Manufacturing discontinuities
- Codes and standards
- PRACTICAL TRAINING
- EXAMINATIONS

## B.1.8

# ULTRASONIC TESTING LEVEL 2

Certification: EN ISO 9712

Duration: 12 Days

Fees: 53,000 Baht / Person\*

Training Sessions: 7 – 22 May 2018 (Bangkok)  
1 – 16 October 2018 (Bangkok)

### Suitable for: / Requested level:

- NDT Inspector Level 1
- Technician
- Engineer

### Level 2: Responsibilities

- Setting up the equipment
- Inspection in accordance with the written procedure, codes and standards
- Interpretation and evaluation of tested results
- Procedure preparation under the supervision of NDT Level 3

### Content:

- Review on physics principles of sound wave propagation
- Piezoelectric transducer
- Flaw detection principles
- Ultrasonic contact testing
- Immersion testing
- Calibration blocks
- Calibrating ultrasonic testing system
- Defect sizing
- Discontinuities and defects
- Codes, standards and specification
- UT advanced techniques
- PRACTICAL TRAINING
- EXAMINATIONS

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

\* Registration fees are inclusive of lunch and coffee breaks