# **ULTRASONIC TESTING LEVEL 1**

Certification: EN ISO 9712

Certification: EN ISO 9712

Duration: 10 Days

Training Sessions:

30 January - 8 February 2017 (Bangkok)

4-13 September 2017 (Bangkok)

# Exam Dates:

9-10 February 2017 (Bangkok) 14-15 September 2017 (Bangkok)

Fees: 39,000 Baht/Person\*

#### 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

# **ULTRASONIC TESTING LEVEL 2**

Fees: 53.000 Baht/Person\*

Duration: 12 Days

**Training Sessions:** 15-26 May 2017 (Bangkok)

30 October - 10 November 2017 (Bangkok)

29-30 May 2017 (Bangkok) 13-14 November 2017 (Bangkok)

Content:

Exam Dates:

Suitable for: / Requested level: NDT Operator

- Technician
- Engineer
- · Piezoelectric transducer
  - · Flaw detection principles
  - Ultrasonic contact testing
  - · Immersion testing

propagation

- · Calibration blocks
- · Calibrating ultrasonic testing system

· Review on physics principles of sound wave

- · Defect sizing
- · Discontinuities and defects
- · Codes, standards and specification
- · UT advanced techniques
- PRACTICAL TRAINING
- EXAMINATIONS

#### 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

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

<sup>\*</sup> Registration fees are inclusive of lunch and coffee breaks