



**REF : IN14**

**DURATION : 12 to 15 days  
+ 1 day for the exam**

**PARTICIPANTS : 8 pers.**

**FEES : please contact us**  
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**TARGETED AUDIENCE\***  
See below

**PRE-REQUISITES**

Requirements for initial Qualification:  
- Experience Hours in Method : 630  
- Total Hours in NDT : 1200

**Training performed in English.**

## NDT Level II Qualification - Ultrasonic Testing (UT) / SNT-TC-1A

### \*TARGETED AUDIENCE

Inspectors, managers, production engineers, design office engineers and technicians.

### Learning objectives

Select the NDT technique for the Ultrasonic Testing method to be used

Define the limitations of application of the testing method

Interpret and translate UT codes, standards, specifications and procedures into NDT instructions adapted to the actual working conditions

Set up and verify equipment settings

Perform and supervise tests

Carry out and supervise all tasks at or below level 2

Provide guidance for personnel at or below level 2 and report the results of UT tests

Interpret and evaluate results according to applicable standards, codes, specifications or procedures.

### Learning Aid

Presentations and practical exercises.

### Trainer

Level III - UT / SNT-TC-1A.

### Training contents

- Physical Basics and Background of the Ultrasonic Testing
- Laws of sound propagation
- Distance and Sensitivity Calibration
- Checking and monitoring Ultrasonic Testing equipment
- Material and Geometrical influences on Ultrasonic Testing
- Evaluation of Ultrasonic Findings
- Inspection Methods for welded joints, castings, forgings, rolled products
- Imperfections (Production and Operational)
- Standards and codes
- Reporting
- Practical and hands-on exercising.