

# **NDT Level II Technician: Advanced Inspection Techniques**

Health & Safety  
Maldives (Maldives)  
21 - 25 Jul 2025

UK Training

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The background of the entire page features a grayscale checkered chessboard. Several chess pieces are visible: a silver pawn on the left, a silver pawn in the center, and a large gold king piece on the right. In the far right, another silver piece is partially visible. Overlaid on the chessboard are several concentric, light gray circles that radiate from the center, creating a ripple effect.

## NDT Level II Technician: Advanced Inspection Techniques

**Ref:** 321777\_146502 **Date:** 21 - 25 Jul 2025 **Location:** Maldives (Maldives) **Fees:** 4700 Euro

### Course Description

This intensive 5-day NDT Level II Technician course provides comprehensive training in advanced non-destructive testing techniques. Participants will gain in-depth knowledge and hands-on experience with ultrasonic, radiographic, magnetic particle, liquid penetrant, and visual testing methods. The course is designed to prepare technicians for Level II certification and enhance their inspection capabilities.

### Learning Objectives

- Master advanced NDT techniques for UT, RT, MT, PT, and VT methods
- Develop skills in equipment calibration, test performance, and result interpretation
- Learn to prepare written NDT instructions for Level I technicians
- Understand relevant codes, standards, and acceptance criteria for various industries
- Gain practical experience through hands-on exercises and simulations

### Course Modules

#### Day 1: Ultrasonic Testing UT

- Advanced UT principles and wave propagation
- Equipment calibration and optimization
- Flaw detection and sizing techniques
- Weld inspection procedures

#### Day 2: Radiographic Testing RT

- Radiation safety and protection
- Image quality and interpretation
- Digital radiography techniques
- Weld and casting radiography

#### Day 3: Magnetic Particle Testing MT

- Advanced magnetization techniques
- Equipment selection and calibration
- Interpretation of indications
- Automated MT systems

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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#### **Day 4: Liquid Penetrant Testing PT**

- Advanced PT materials and processes
- Sensitivity and resolution optimization
- Interpretation and evaluation of indications
- Automated PT systems

#### **Day 5: Visual Testing VT and Course Review**

- Advanced visual inspection tools and techniques
- Remote visual inspection methods
- Procedure writing and review
- Final practical exercises and assessment

#### **Practical Wins for Participants**

- Ability to perform and interpret advanced NDT techniques independently
- Skills to develop written NDT procedures and train Level I technicians
- Enhanced troubleshooting and problem-solving capabilities for complex inspections
- Increased employability and career advancement opportunities in various industries

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