

NDT Level II Technician: Advanced Inspection Techniques

Health & Safety
Dubai (UAE)
31 Aug - 04 Sep 2025

UK Training

PARTNER



NDT Level II Technician: Advanced Inspection Techniques

Ref: 321777_136383 **Date:** 31 Aug - 04 Sep 2025 **Location:** Dubai (UAE) **Fees:** 3900 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

UK Training

PARTNER



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

UK Training

PARTNER



Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



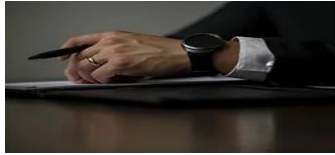
Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



Blackbird training Clients



UK Training
PARTNER



BLACKBIRD
FOR TRAINING

LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335