

Inspection and Integrity DP-MPI

Kuala Lumpur (Malaysia)

21 - 25 October 2024

UK Traininig

PARTNER



Inspection and Integrity DP-MPI

Code: OG28 From: 21 - 25 October 2024 City: Kuala Lumpur (Malaysia) Fees: 4400 Pound

Introduction

Welcome to the Inspection NDT-DP-MPI Training course! This comprehensive training program is designed to provide participants with a solid foundation in Non-Destructive Testing NDT techniques, with a focus on Dye Penetrant Testing DP and Magnetic Particle Inspection MPI. The course aims to equip attendees with the essential knowledge and practical skills required to effectively perform inspections, identify defects, and ensure the structural integrity of various materials and components.

Course Objectives

- Introduce NDT Techniques
- Fundamental Principles
- Hands-on Proficiency
- Defect Recognition
- Safety Guidelines
- Quality control and assurance professionals
- NDT technicians and inspectors
- Engineers and technicians in manufacturing industries
- Maintenance and service personnel
- Anyone seeking to enhance their skills in NDT techniques

Course Outlines

Day 1

Introduction to NDT

- Importance and applications of NDT techniques
- Overview of various NDT methods
- Basic principles of DP and MPI



Day 2

Dye Penetrant Testing DP

- Penetrant materials and their properties
- Steps involved in DP inspection
- Interpretation of DP results
- Hands-on DP demonstration and practice

Day 3

Magnetic Particle Inspection MPI

- Magnetic fields and principles of MPI
- Types of magnetic particles and carriers
- Conducting MPI inspections
- Hands-on MPI demonstration and practice

Day 4

Defect Characterization

- Understanding different types of defects
- Factors influencing defect visibility
- Interpreting defect indications
- Case studies and real-world examples

Day 5

Safety and Certification

- Safety precautions during NDT inspections
- Environmental considerations
- Overview of certification standards and requirements



- Final assessment and Q&A session



Blackbird Training Cities

Europe



Zurich (Switzerland)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)
(Switzerland)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Manchester (UK)



Milan (Italy)

USA & Canada



Los Angeles (USA)



Florida (USA)



Online



Boston (USA)



Washington (USA)



Miami(USA)



New York (USA)



Toronto (Canada)

UK Training
PARTNER



Blackbird Training Cities

Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia)



Bangkok (Tailand)



Beijing (China)



Moscow (Russia)
(Malaysia)



Singapore (Singapore)



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur



Jakarta (Indonesia)

Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Marocco)



Nairobi (Kenya)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Refinement

Technical Courses

Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



training@blackbird-training.com



www.blackbird-training.com

UK Training

PARTNER

