

Certified Maintenance And Reliability Professional

Berlin (Germany)

11 - 15 November 2024

UK Training

PARTNER



Certified Maintenance And Reliability Professional

Code: OC28 From: 11 - 15 November 2024 City: Berlin (Germany) Fees: 4700 Pound

Introduction

The Certified Maintenance and Reliability Professional CMRP course is an intensive program designed to equip participants with the necessary knowledge and skills to become certified professionals in maintenance and reliability management. This course provides a comprehensive understanding of maintenance best practices, reliability principles, and industry standards. Participants will learn how to optimize maintenance strategies, enhance equipment performance, and ensure the reliability of critical assets.

Objectives

- Understand the fundamental concepts and principles of maintenance and reliability management.
- Learn industry best practices and standards for effective maintenance and reliability.
- Develop skills to analyze equipment performance and identify improvement opportunities.
- Gain knowledge of maintenance planning and scheduling techniques to optimize resources.
- Learn about reliability-centered maintenance RCM and its application in maintenance programs.
- Acquire skills in data analysis and predictive maintenance for proactive asset management.
- Prepare for the Certified Maintenance and Reliability Professional CMRP certification exam.

Course Outlines

Day 1

Introduction to Maintenance and Reliability Management

- Overview of maintenance and reliability concepts
- Importance of maintenance and reliability in industrial operations
- Key roles and responsibilities of maintenance professionals
- Introduction to the CMRP certification process

Day 2

Maintenance Best Practices and Standards

- Industry standards and frameworks e.g., ISO 55000, Uptime Elements
- Maintenance strategies: preventive, predictive, corrective, and proactive
- Maintenance performance metrics and key performance indicators KPIs
- Benchmarking and continuous improvement in maintenance

Day 3

UK Training
PARTNER



Equipment Performance Analysis and Improvement

- Failure analysis techniques
- Reliability calculations and metrics
- Root cause analysis RCA
- Condition-based monitoring and predictive maintenance
- Strategies for improving equipment performance

Day 4

Maintenance Planning and Scheduling

- Maintenance planning process and work order systems
- Equipment criticality assessment and prioritization
- Preventive and predictive maintenance strategies
- Maintenance scheduling techniques and optimization
- Resource allocation and management

Day 5

Reliability-Centered Maintenance RCM and Predictive Maintenance

- Introduction to RCM principles and methodologies
- Failure modes and effects analysis FMEA
- Risk-based maintenance strategies
- Data analysis for reliability improvement
- Implementation and optimization of predictive maintenance programs



Blackbird Training Cities

Europe

izmir



Podgorica (Montenegro)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



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)



Blackbird Training Cities

Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia)



Bangkok (Thailand)



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

