

## Optimizing Preventive Maintenance

*Pulau Ujong (Singapore)*

*25 - 29 May 2026*

UK Traininig

# PARTNER



## Optimizing Preventive Maintenance

Code: SC28 From: 25 - 29 May 2026 City: Pulau Ujong (Singapore) Fees: 4700 Pound

### Introduction

This comprehensive preventive maintenance training course is designed to equip participants with the knowledge and tools necessary to optimize preventive maintenance PM processes. Understanding what is preventive maintenance and its role in asset management is crucial for organizations seeking to enhance operational efficiency, reduce unexpected failures, and minimize preventive maintenance costs.

Participants will explore the importance of preventive maintenance and its impact on equipment reliability and longevity. By implementing best practices and leveraging modern preventive maintenance systems, they will develop and execute effective preventive maintenance plans that ensure cost savings and operational excellence.

### Course Objectives

By the end of this course, participants will be able to:

- Define preventive maintenance and understand its significance in asset management.
- Develop tailored preventive maintenance plans for various equipment and operational needs.
- Optimize pm preventive maintenance schedules based on condition, usage, and lifecycle.
- Utilize data-driven decision-making to refine preventive maintenance management processes.
- Measure and improve preventive maintenance service effectiveness to ensure ongoing efficiency.
- Understand the advantages of preventive maintenance and how it enhances asset performance.

### Course Outlines

#### Day 1: Introduction to Preventive Maintenance

- Definition of preventive maintenance and its key objectives.
- Understanding preventive maintenance's meaning and how it differs from corrective and predictive maintenance.
- Exploring the importance of preventive maintenance in reliability-centered maintenance.
- The role of preventive maintenance cost reduction in operational efficiency.

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.

UK Training  
**PARTNER**

- Addressing common challenges and solutions in preventive maintenance planning.

## Day 2: Developing a Preventive Maintenance Strategy

- Preventive maintenance agreement and aligning PM with business objectives.
- A step-by-step guide to designing a preventive maintenance system.
- Why is preventive maintenance important? Key insights for operational success.
- Identifying critical assets and prioritizing preventive maintenance service.
- Crafting time-based vs. condition-based preventive maintenance plans.
- Developing SOPs and checklists for preventive maintenance training.

## Day 3: Optimizing Schedules and Resources

- Calculating optimal preventive maintenance planning intervals.
- Balancing PM with corrective maintenance for efficiency.
- Effective resource allocation: managing labor, tools, and spare parts.
- Scheduling PM with Computerized Maintenance Management Systems CMMS.
- Preventing over-maintenance and under-maintenance of equipment.

## Day 4: Leveraging Technology and Data

- Preventive maintenance management through data analytics.
- Utilizing CMMS tools to streamline preventive maintenance service.
- Preventive maintenance benefits of IoT and condition-based monitoring.
- Integrating PM with inventory and asset management systems.
- Exploring automation for enhanced preventive maintenance planning.

## Day 5: Performance Measurement and Continuous Improvement

- Key performance indicators KPIs for preventive maintenance management.
- Analyzing data to measure PM effectiveness.

- Conducting Root Cause Analysis RCA for recurring failures.
- Developing continuous improvement strategies for pm preventive maintenance.
- Reviewing real-world case studies on preventive maintenance optimization.

## Why Attend this Course: Wins & Losses!

- Gain an in-depth understanding of what is preventive maintenance and its real-world applications.
- Learn how to develop and implement preventive maintenance plans that reduce downtime.
- Discover how to minimize preventive maintenance costs while maximizing equipment performance.
- Master the use of preventive maintenance systems and CMMS tools for efficient scheduling.
- Enhance problem-solving skills by analyzing data-driven preventive maintenance training approaches.
- Improve overall asset reliability and operational efficiency through strategic preventive maintenance planning.

## Conclusion

Mastering preventive maintenance is essential for businesses aiming to achieve operational excellence. This course provides participants with the necessary skills to design, implement, and optimize preventive maintenance systems that maximize efficiency, extend asset lifespan, and reduce overall maintenance costs. By integrating preventive maintenance management strategies with modern technology, organizations can enhance reliability and drive long-term success.

Enroll now to take your maintenance strategy to the next level!



## Blackbird Training Cities

### Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



Salzburg (Austria)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



## Blackbird Training Cities

### USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

### ASIA



Baku (Azerbaijan)  
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)  
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut

UK Training  
**PARTNER**



## Blackbird Training Cities

### AFRICA



Kigali (Rwanda)



Cape Town ( South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients

 <p><b>MANNAI CORPORATION</b> MANNAI Trading Company WLL, Qatar</p>	 <p><b>GAC</b> UNE FILIALE D' EGA Alumina Corporation Guinea</p>	 <p><b>Booking.com</b> Booking.com Netherlands</p>	 <p><b>OXFAM</b> Oxfam GB International Organization, Yemen</p>	 <p><b>Capital Markets Authority</b> Kuwait</p>
 <p><b>WS</b> Waltersmith Petroman Oil Limited Nigeria</p>	 <p><b>QNB</b> Qatar National Bank (QNB), Qatar</p>	 <p><b>Qatar Foundation</b> Qatar</p>	 <p><b>AFRICAN UNION ADVISORY BOARD ON CORRUPTION</b> Tanzania</p>	 <p><b>KFAS</b> Kuwait Foundation for the Advancement of Sciences KFAS Kuwait</p>
 <p><b>Reserve Bank of Malawi</b> Malawi</p>	 <p><b>Central Bank of Nigeria</b> Nigeria</p>	 <p><b>Ministry of Interior Kingdom of Saudi Arabia</b> Ministry of Interior, KSA</p>	 <p><b>Mabruk Oil Company</b> Libya</p>	 <p><b>Saudi Electricity Company</b> KSA</p>
 <p><b>BPKH</b> Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia</p>	 <p><b>NATO Italy</b></p>	 <p><b>eni</b> ENI CORPORATE UNIVERSITY, Italy</p>	 <p><b>GULF BANK</b> Gulf Bank Kuwait</p>	 <p><b>General Organization for Social Insurance</b> KSA</p>
 <p><b>Defence Space Administration</b> Nigeria</p>	 <p><b>الصناعات الوطنية (القابضة)</b> National Industries Group (Holding), Kuwait</p>	 <p><b>Hamad Medical Corporation</b> Qatar</p>	 <p><b>USAID</b> Pakistan</p>	 <p><b>STC</b> STC Solutions, KSA</p>
 <p><b>North Oil Company</b> North Oil company,</p>	 <p><b>EKO Electricity</b></p>	 <p><b>OMAN BROADBAND</b> Oman Broadband</p>	 <p><b>UNITED NATIONS</b> UN.</p>	 <p><b>هيئة تنظيم الكهرباء - عمان</b> Authority for</p>

UK Training  
**PARTNER**



## Blackbird Training Categories

### Management & Admin

Entertainment & Leisure  
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 Elevation

### Technical Courses

Artificial Intelligence (AI)  
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

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training  
**PARTNER**

