

# Maintenance Strategy Development and Cost Effective Implementation

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2025-07-14

**End Date:** 2025-07-18

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 week

**Category ID:** METC

**Course Code:** METC-8

## Syllabus

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### **courses Syllabus**

#### **Introduction**

Maintenance and reliability best practices are integral to individual and organizational success. This workshop offers practical insights and tools in the first module, focusing on maintenance and reliability best practices concepts. The second module addresses rational decision-making for outsourcing activities, introducing tools to ensure comprehensive outsourcing contracts. In today's economy, effectively managing industrial facilities is paramount, making this ten-day courses indispensable.

#### **Objectives**

By the end of this courses, participants will:

- Understand the PLAN, DO, REVIEW cycle or continuous improvement.
- Determine rational outsourcing decisions and learn about lean maintenance contracts.
- Define service levels, monitor contractor performance, and develop maintenance contracts.
- Implement maintenance contract management effectively.

## **The Contents**

### **Day 1 – Asset Cost Management Introduction**

- Definitions of reliability, maintenance, and asset management.
- Total cost of maintenance and best practice processes.
- Overview of asset management buzzwords like TPM, RCM, and BCM.

### **Day 2 – Laying the Groundwork**

- Importance of standards such as PAS 55 and corporate asset management expectations.
- Understanding asset failure, degradation, and associated costs and risks.

### **Day 3 – Applying the Value-Based Process**

- Selecting PM tactics based on costs and risks.
- Implementing best practice maintenance programs and optimizing spares.
- Justifying maintenance program costs and risks.

### **Day 4 – Ensuring the Continuity of the Value-Based Process**

- Completing the PLAN, DO, REVIEW improvement cycle.
- Failure reporting, analysis, and corrective action system.
- Reliability analysis and quantifying chronic failures.

### **Day 5 – Supporting Process that Lower Life-Cycle Costs**

- Planning and scheduling best practices.
- Cost-effective manpower deployment and performance indicators for continuous improvement.

### **Day 6 – Outsourcing Considerations**

- Business impact of maintenance and considerations in outsourcing.
- Risks involved and case study on outsourcing maintenance activities.

### **Day 7 – Maintenance Contracts**

- Types of maintenance contracts, parties involved, and the tendering process.
- Defining key performance indicators and use of balanced scorecard with performance contracts.

### **Day 9 – Grounding and Negotiating the Contract**

- Developing a risk-based maintenance concept and negotiating lean maintenance contracts.
- Negotiation tactics, tips, and role-playing exercises.

### **Day 10 – Final Workshop**

- Development of a maintenance contract in groups, presenting bids, and evaluating results.