



## Effective Maintenance System Functions

PIK157-1225 LON-2



**Place:** London (UK)

**Venue:**

**Start Date:** 15-12-2025

**End Date:** 30-12-2025

**PPP:** £5550



## **Effective Maintenance System Functions**

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**If you can't train them,  
you can't blame them!**

### **Short Description:**

This program provides the Maintenance Section Personnel practical knowledge and skills required to understand and execute the Maintenance System Functions Effectively. The program follows the TQM flow-chart approach to understanding Maintenance functions, understanding inter-department interfaces, identification of key activities, highlighting problem points, management reporting needs and identifying improvement opportunities.

### **Course Overview:**

All-important maintenance management methodology and techniques are covered in this program.

This program also introduces you to the practical use and implementation of the Latest Tools, Best Practices and Methodologies for Maintenance Professionals - Preventive Maintenance, Condition Based Maintenance, Breakdown Maintenance, Shutdown Maintenance - ERP, Maintenance Management Systems, Planning and Management Techniques and TQM.

### **Program Outline:**

#### **Day 1: Maintenance Business Work Processes**

1. Maintenance Management Function.
2. Maintenance Sources of Know-how.
3. Case-Study.

#### **Day 2: Best Practices**

1. Best Practices in Maintenance Strategies.
2. Best Practice in Maintenance Planning.
3. Best Practices in Maintenance Scheduling.



4. Best Practices in Maintenance Coordination.
5. Building Knowledge Bases.

### **Day 3: Early Warning Systems**

1. Outsourcing Maintenance.
2. Building Customer Satisfaction.
3. Internal Customers.
4. External Customers.
5. Building Performance Excellence in Maintenance.

### **Day 4: Maintenance Inspection and Testing**

1. Preventive Maintenance.
2. Corrective Maintenance.
3. Predictive and Condition Based Maintenance.
4. Reliability Analysis.
5. Root Cause Analysis.

### **Day 5: Maintenance Methodologies**

1. Managing Maintenance Projects.
2. Shutdown Maintenance Planning & Management.
3. Improvement Methodology for Maintenance Management.
4. Performance Indicators in Maintenance Management.
5. Case-Study.

### **Day 6: Maintenance Management Strategy**

1. Maintenance in the Business Process.
2. Evolution in Maintenance Management.
3. The Maintenance Management Environment and the need for improvement.
4. An overview of various approaches to maintenance improvement.
5. The Maintenance Benchmarking Process.

## **Day 7: Maintenance Plan: Define the workload**

1. Failure Modes and Effects Analysis (FMEA).
2. Consequences of Failure.
3. Failure Management Policies.
4. The application of RCM in the Development of Failure Management Policies.
5. Implementing Failure Management Policies.

## **Day 8: Maintenance Management Systems**

1. Maintenance Work Prioritization.
2. Maintenance Work Flow.
3. Notifications.
4. Weekly Master Schedule.
5. Backlog Management.

## **Day 9: Maintenance Auditing and Improvement**

1. Using Auditing and Benchmarking to drive improvement.
2. The Maintenance Auditing Process.
3. Maintenance Auditing Methodology.
4. Conducting a Maintenance Audit.
5. Interpreting Audit Results.

## **Day 10: Performance Indicators and Management Reporting**

1. Information and Control.
2. Management Levels and Information.
3. Maintenance Performance Indicators.
4. Management Reports.
5. Continuous Improvement in Maintenance.