

# € TRAINING

Maintenance Auditing, Benchmarking &  
Improvement

2 - 6 June 2024  
Cairo (Egypt)



# Maintenance Auditing, Benchmarking & Improvement

REF: C724 DATE: 2 - 6 June 2024 Venue: Cairo (Egypt) - Fee: 4095 Euro

## Introduction:

Organizations increasingly need to make improvements as a key part of their culture in order to remain cost-competitive. The same is true of Maintenance Organisations. Maintenance Departments are increasingly under pressure to improve performance and reduce costs. This conference looks at Maintenance Auditing and Benchmarking as two key tools that can be used as the basis for driving the improvement process in maintenance, by identifying best practices, gaps with current practices, and assist with the formulation of strategies to bridge such gaps. In addition, we address how Auditing and Benchmarking can become an integral part of a maintenance management strategy by integrating such activities into maintenance performance measures, key performance indicators, and objective setting.

## Conference Objectives:

At the end of this conference the participants will be able to:

- Audit their maintenance operations
- Conduct a maintenance benchmarking study
- Use the results to establish and monitor an effective improvement strategy
- Establish Auditing and Benchmarking as a key element of their maintenance management strategy

## Targeted Audience:

- Operations & Maintenance Professionals
- Asset owners & Asset Managers
- Maintenance Engineers & Business Improvement Leaders
- All Professionals involved in asset & maintenance management auditing
- Quality & Compliance Managers
- Lead Auditors & Audit Team Members
- Anyone who wishes to update themselves on asset & maintenance assessments

## Conference Outlines:

### Unit 1: Introduction and Foundation Concepts:

- Introduction to Auditing and Benchmarking
- Introduction to Maintenance Processes
- Approaches to Maintenance Management and Improvement
- Introduction to Maintenance Management Benchmarking Frameworks

### Unit 2: Maintenance Auditing:

- Maintenance Performance Measures and Metrics
- The Maintenance Auditing Process
- Maintenance Auditing Methodology
- Conducting a Maintenance Audit
- Maintenance Audit Simulation Case Study

### Unit 3: Maintenance Auditing and Benchmarking:

- Maintenance Audit Simulation Case Study
- Using Maintenance Audit Results to Plan Improvement Strategies
- Introduction to Benchmarking
- The Maintenance Benchmarking Process
- Maintenance Benchmarking Methodology
- Benchmarking Tools and Techniques

### Unit 4: Maintenance Benchmarking and Performance Measurement:

- Benchmarking Tools and Techniques continued
- Designing and Preparing for a Benchmarking Study
- Selecting Benchmarking Partners
- Preparing for an conducting the benchmarking visit
- Reporting results of Benchmarking and Auditing Studies
- DuPont Analysis - Advanced Benchmarking Conducting a Maintenance Benchmarking Study

### Unit 5: Auditing, Benchmarking, and Maintenance Improvement:

- Benchmarking Simulation Case Study
- Integrating Benchmarking resulting in improvement and objective setting processes
- Integrating Maintenance Auditing and Benchmarking into the Performance Measurement System to establish improvement objectives and strategies
- Review of Best Practice Benchmarks and Case Studies
- Conclusion