

€ TRAINING

Maintenance Management Best Practices
and Workflow Improvement



1 - 5 December 2024
Cairo (Egypt)



Maintenance Management Best Practices and Workflow Improvement

REF: O1066 DATE: 1 - 5 December 2024 Venue: Cairo (Egypt) - Fee: 4465 Euro

Introduction:

This training program equips participants with essential skills to optimize maintenance processes and workflow efficiency. It empowers them to implement effective maintenance management practices that drive operational excellence.

Program Objectives:

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

- Understand advanced principles of maintenance management.
- Gain proficiency in workflow analysis and optimization.
- Learn techniques for preventive and predictive maintenance.
- Develop skills in cost analysis and asset management.
- Implement best practices for continuous improvement in maintenance workflows.

Target Audience:

- Maintenance managers and supervisors.
- Reliability engineers and maintenance planners.
- Operations managers and plant engineers.
- Maintenance technicians and specialists.
- Professionals seeking to enhance maintenance management and workflow efficiency.

Program Outline:

Unit 1:

Advanced Maintenance Management Principles:

- Overview of Maintenance Management.
- Maintenance Strategies: Reactive, Preventive, Predictive, and Proactive.
- Reliability-Centered Maintenance RCM Concepts.

- Key Performance Indicators KPIs for Maintenance.
- Maintenance Planning and Scheduling.

Unit 2:

Workflow Analysis and Optimization:

- Workflow Mapping and Analysis Techniques.
- Identifying Bottlenecks and Efficiency Gaps.
- Lean Maintenance Practices.
- Total Productive Maintenance TPM.
- Continuous Improvement in Workflow Processes.

Unit 3:

Preventive and Predictive Maintenance Techniques:

- Principles of Preventive Maintenance PM.
- Developing and Implementing PM Programs.
- Predictive Maintenance PdM Techniques and Technologies.
- Condition Monitoring and Diagnostic Tools.
- Case Studies on Successful PM and PdM Implementation.

Unit 4:

Cost Analysis and Asset Management:

- Life Cycle Cost Analysis LCCA for Maintenance.
- Identifying and Reducing Maintenance Costs.
- Cost-Benefit Analysis of Maintenance Activities.
- Asset Management and Lifecycle Planning.
- Tools and Software for Maintenance Cost Management.

Unit 5:



Best Practices and Continuous Improvement:

- Implementing Best Practices in Maintenance Management.
- Performance Metrics and KPIs for Maintenance.
- Training and Development for Maintenance Personnel.
- Benchmarking and Performance Improvement.
- Future Trends and Innovations in Maintenance Management.