MERCURY

Maintenance Management: Developing & Enhancing Maintenance Strategies Conference

10 – 21 May 2027
New York (USA)



Dubai - UAE: +971 4 450 5697
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Amman - Jordan: +962 79 712 3347

Maintenance Management: Developing & Enhancing Maintenance Strategies Conference

Ref: 8249_1060625 **Date:** 10 – 21 May 2027 **Location:** New York (USA) **Fees:** 14000 Euro

Introduction to Maintenance Management:

The maintenance management strategies training conference is designed to enhance the understanding and application of essential maintenance management disciplines that facilitate efficient work planning, scheduling, and control.

Participants in this maintenance management strategies seminar will gain fundamental insights during the first segment and delve into maintenance auditing and benchmarking in the subsequent phase. These tools are pivotal for sustaining core maintenance processes, fostering continual enhancement, adopting best practices, and shaping robust maintenance strategies.

Who Should Attend?

This maintenance management strategies conference is aimed at professionals involved in various aspects of maintenance management, including planning, scheduling, and work control. It particularly benefits those using Computerized Maintenance Management Systems CMMS and stakeholders interested in work planning functions.

By attending this maintenance management strategies workshop, maintenance managers and coordinators are offered an opportunity to achieve maintenance manager certification or to enhance their existing certified maintenance manager qualifications.

Conference Objectives:

By the end of this maintenance management training conference, participants will:

- Identify and apply planning best practices.
- Resolve common problems using strategies adopted by world-class organizations.
- Compare their maintenance practices to benchmarked standards.
- Leverage information and communication tools more efficiently.
- Enhance overall productivity with better information access.
- Preserve lead time within work management to facilitate resource planning and scheduling.
- Elevate the consistency and reliability of asset information management.
- Execute more effective equipment turnarounds.
- Calibrate preventive and predictive maintenance strategies for optimal performance.
- Run maintenance operations audits effectively.
- Uncover the value of conducting benchmarking studies.
- Utilize benchmarking outcomes to carve out an effective improvement strategy.
- Embed Auditing and Benchmarking practices within the maintenance management process.

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Targeted Competencies:

By the end of this maintenance management training workshop, participants competencies will:

- Adoption of modern maintenance management practices.
- Formulation of effective maintenance policies and logistics planning.
- Mastery in failure management.
- Precision in work planning, scheduling, and control protocols.
- Information management and the optimization of performance management initiatives.
- Proficiency in maintenance auditing and benchmarking.
- Development of insightful performance measurement techniques.

Conference Content:

Unit 1: Modern Maintenance Management Practice in Perspective:

- Equipment Classification and Identification.
- Maintenance Practice in Perspective.
- Maintenance in the Business Process.
- Evolution in Maintenance Management.
- The Contribution of Maintenance to the Achievement of the Business Objectives.
- Maintenance Strategy Development Process.
- The Business Objective.
- Business, Operations, and Maintenance Key Performance Area.
- The Maintenance Objective.
- Roles and Accountability.
- Equipment Classification and Identification.
- CMMS Requirements.
- Functional Location.
- Equipment Type Classification.
- Equipment Identification.
- Part Number and Bill of Material.
- Documentation Structures.
- Document Identification and Classification.

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Unit 2: Maintenance Policies and Logistics Planning:

- Maintenance Management Policies.
- Equipment Criticality Grading.
- Job Record Policy.
- Job Information Requirements.
- Principles of Work Order Design.
- Maintenance Work Prioritisation.
- Maintenance Logistics Planning.
- Logistic Support Analysis.
- Maintenance Task Detail Planning.
- Maintenance Work Estimating.
- Maintenance Levels.
- Support Documentation.
- Support Equipment.
- Personnel and Organisation.
- Competency Development.

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Unit 3: Failure Management Programme Development:

- Failure Modes, Effects, and Consequences.
- Equipment Functions and Performance Standards.
- Functional Failures.
- Failure Modes.
- Failure Effects.
- Consequences of Failure.
- Failure Management Policies.
- Age-Related Failure Patterns.
- Random Failure Patterns.
- Routine Restoration and Discard Tasks.
- Routine Condition-based Tasks.
- Types of Condition-based Tasks.
- Failure-finding Tasks.
- The application of RCM in the Development of Failure Management Policies.
- Proposed Routine Maintenance Tasks.
- Categorizing and structuring Routine Maintenance Tasks.
- Corrective Maintenance Planning.
- Logistic Requirements Planning.
- Implementing Failure Management Policies.

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Unit 4: Work Planning, Scheduling, and Control:

- Definition of Notifications, Defects, Deviations.
- Notification Process, Roles, and Principles.
- Prioritizing Notifications.
- Weekly Master Schedule.
- Master Schedule Objectives.
- Categorize the Outstanding Workload.
- Determine Resource Availability.
- Determine Equipment Non-utilisation Profile.
- Develop Draft Master Schedule.
- Conduct Master Schedule Review Meeting.
- Final Master Schedule and Implementation.
- Backlog Management.
- Project Maintenance Management.
- Critical Path Analysis.
- Project Schedule.
- Resource Planning.
- Maintenance Project Plan.
- Schedule Resources and Materials.

Unit 5: Information and Performance Management:

- Management and Information.
- Information and Control.
- Management Levels and Information.
- Performance Indicators.
- Performance Indicators.
- Workload Performance Indicators.
- Planning Performance Indicators.
- Effectiveness Performance Indicators.
- Cost Performance Indicators.
- Management Reports.

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Unit 6: Introduction and Foundation Concepts:

- The Maintenance Management Environment and the need for improvement.
- An overview of various approaches to maintenance improvement.
- Introduction to Maintenance Auditing and Benchmarking.
- Using Auditing and Benchmarking to drive improvement.
- Implementing sustainable approaches to improvement.

Unit 7: Maintenance Auditing:

- The Maintenance Auditing Process.
- Maintenance Auditing Methodology.
- Conducting a Maintenance Audit.
- Interpreting Audit Results.
- Using Auditing to Drive Improvement.

Unit 8: Maintenance Auditing and Benchmarking:

- Using the Maintenance Audit for internal benchmarking.
- Designing a customized Maintenance Audit Process.
- The Maintenance Benchmarking Process.
- Maintenance Benchmarking Methodology.
- Designing and Preparing for a Benchmarking Study.

Unit 9: Maintenance Benchmarking and Performance Measurement:

- Conducting a Maintenance Benchmarking Study.
- Integrating Benchmarking results in improvement and objective-setting processes.
- Reporting results of Benchmarking and Auditing Studies.
- Developing Key Performance Measures for Maintenance.
- The Maintenance Balanced Scorecard.

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Unit 10: Integrating Maintenance Auditing and Benchmarking:

- Integrating Maintenance Auditing and Benchmarking into the Performance Measurement System.
- Auditing and Benchmarking are used to establish improvement objectives and strategies.
- Monitoring Performance Improvement.

Conclusion:

By immersing participants in this systematized maintenance manager training, the maintenance management strategies conference endeavors to expand the proficiency of maintenance professionals and provide an impactful maintenance management seminar and workshop experience.

Participants in this maintenance management strategies seminar will be exposed to software maintenance strategies, maintenance strategies, and planning techniques to empower them to lead their organizations toward operational excellence.