BLACKBIRD FOR TRAINING

Strategic Maintenance Planning

10 – 14 October 2027
Cairo (Egypt)

UK Traininig
PARTNER



Strategic Maintenance Planning

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Introduction

Maintenance planning is a cornerstone for operational success and achieving excellence in high-performance enterprises. In today's competitive business environment, effective maintenance planning and strategic maintenance optimization are essential for improving operational efficiency, ensuring long-term asset health, and aligning maintenance goals with broader business objectives.

This course provides participants with the tools and knowledge to design, implement, and optimize maintenance strategies, ensuring equipment reliability, operational continuity, and cost efficiency. By understanding the definition of planned maintenance, its significance, and its application, participants will learn how to create and execute maintenance strategies that support their organization's overall mission.

Course Objectives

- Develop a deep understanding of what maintenance planning is and its vital role in achieving business goals.
- Learn the key principles of strategic maintenance planning and maintenance strategy development.
- Understand the processes and practices required for asset management planning and aligning maintenance strategies with organizational objectives.
- Master preventive maintenance strategies and maintenance optimization techniques to improve equipment performance.
- Explore the benefits of maintenance planning and scheduling to reduce downtime and improve operational efficiency.

Course Outlines

Day 1: Maintenance Objectives and Strategy

- The definition and importance of planned maintenance in modern business.
- Maintenance as a driver of cost reduction and performance improvement.
- Historical evolution and modern thinking in maintenance.
- Understanding types of maintenance plans: preventive, predictive, and corrective.
- Crafting a world-class maintenance strategy for long-term asset health.



Day 2: Achieving World-Class Standards in Maintenance

- Benchmarking for maintenance performance assessment.
- Conducting a maintenance self-assessment to identify improvement areas.
- Measuring progress through metrics like Overall Equipment Effectiveness OEE.
- Applying maintenance optimization techniques to achieve operational excellence.

Day 3: Implementing Advanced Maintenance Approaches

- Failure Management Programs RCM.
- Total Productive Maintenance TPM.
- Life-cycle costing for long-term asset sustainability.
- Leveraging Computerized Maintenance Management Systems CMMS effectively.
- Identifying and overcoming barriers to successful CMMS implementation.

Day 4: Optimizing Maintenance Organization and Operations

- Enhancing collaboration between operations and maintenance teams.
- Addressing the 70/30 phenomenon in maintenance efficiency.
- Exploring the integration of maintenance planning and scheduling for seamless operations.
- Learning how maintenance strategy development impacts production outcomes.

Day 5: Contract Maintenance and Case Studies

- Best practices in contract maintenance management.
- Frameworks for achieving excellence in equipment maintenance strategy.
- Real-world case studies showcasing the benefits of maintenance planning and scheduling.
- Practical applications of strategic asset management plans for sustained improvement.

Why Attend this Course: Wins & Losses!

- Gain expertise in strategic maintenance planning to align with business goals.
- Reduce downtime and operational disruptions through planned maintenance activities.
- Improve organizational efficiency by mastering maintenance optimization techniques.
- Learn from industry best practices and apply effective maintenance planning strategies.

Conclusion

The Strategic Maintenance Planning and Optimization Course equips participants with the knowledge and tools necessary to design, implement, and manage world-class maintenance strategies. By understanding the meaning and benefits of maintenance planning, participants can ensure operational efficiency, asset reliability, and long-term success in a competitive business environment.

Take the first step toward excellence—enroll in this course and transform your maintenance practices today!

