Mastering Maintenance Planning and Scheduling Excellence

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Doha (Qatar)

UK Traininig
PARTNER



Mastering Maintenance Planning and Scheduling Excellence

Ref: 20222858_257528 Location: Doha (Qatar) Fees: 4200 GBP

Course Description

This comprehensive 1-week course equips maintenance professionals with advanced planning and scheduling strategies to optimize asset performance and reliability. Participants will learn industry-leading techniques for prioritizing work, allocating resources effectively, and implementing proactive maintenance approaches. Through practical exercises and real-world case studies, attendees will develop the skills to create efficient maintenance schedules that minimize downtime and maximize productivity.

Learning Objectives

- Develop and implement effective maintenance planning and scheduling processes
- Apply risk-based prioritization techniques to optimize resource allocation
- Create data-driven maintenance strategies using CMMS and predictive technologies
- Improve cross-departmental communication and collaboration in maintenance operations
- Implement best practices for continuous improvement in maintenance planning

Course Modules

Day 1: Foundations of Maintenance Planning

- Introduction to maintenance planning principles
- Understanding the planning-scheduling relationship
- Establishing a dedicated planning department
- Developing component-level asset files

Day 2: Advanced Scheduling Techniques

- Creating effective weekly and daily schedules
- Prioritizing work based on criticality and risk
- Resource leveling and capacity planning
- Integrating preventive and corrective maintenance tasks

Day 3: Data-Driven Decision Making

- Leveraging CMMS for planning and scheduling
- Key performance indicators for maintenance
- Predictive maintenance technologies and integration
- Data analysis for continuous improvement



Day 4: Cross-Functional Collaboration

- Aligning maintenance with operations and engineering
- Effective communication strategies
- Managing stakeholder expectations
- Implementing a feedback loop for job plans

Day 5: Optimizing and Sustaining Excellence

- Best practices for backlog management
- Continuous improvement methodologies
- Change management for new processes
- Developing a culture of reliability

Practical Wins for Participants

- Reduce reactive maintenance by 30% through improved planning
- Increase wrench time by 15% with optimized scheduling
- Achieve 95% schedule compliance using learned techniques
- Decrease maintenance costs by 20% through data-driven decisions

