



Predictive and Preventive Maintenance

Course Overview

Preventive & Predictive Maintenance Program is critical for a successful company and an integral part of maintenance management strategies such as TPM & even 6-Sigma. This program has been designed to benefit both qualified new professionals as well as experienced professionals who may be involved in an effective maintenance system one way or another. Proper maintenance not only helps improve uptime but also product quality and ultimately the profitability of a company.

Who should attend?

Suitable for Engineers, Executive, Technician, Supervisors and Officers.

Experience Explore

- Understand how world-class organizations solve common planning problems
- Improve productivity through use of better, more timely information
- Implement a practical and effective predictive maintenance effort
- Improve consistency and reliability of asset information
- Achieve more productive turnarounds
- Optimize preventive and predictive maintenance strategies

Course outline

THE NEED FOR MAINTENANCE

- Key benefits of maintenance
- Standardization of maintenance activities

PLANNING FOR PREVENTIVE MAINTENANCE

- Centralized & decentralized systems
- Preparing monthly, quarterly and annual maintenance plans
- Time based maintenance
- Condition based maintenance
- Working together with production planning

PREVENTIVE MAINTENANCE SYSTEM

- Importance of proper record keeping
- Types of maintenance records
- Using maintenance records
- Monitoring maintenance records
- Record keeping precautions
- Case study

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MAINTENANCE COST CONTROL

- What are maintenance costs?
- Estimation & control of maintenance budget
- Reducing total maintenance costs
- Case study

SPARE PARTS CONTROL

- Purpose
- Classification of spare parts
- Ordering methods
- Establishing reordering points

PREDICTIVE MAINTENANCE

- The importance of predictive maintenance
- Potential failure analysis
- Vibration analysis

CONTROL OF THE MAINTENANCE PROCESS

- KPI's
- Reporting

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