Modern Maintenance Technologies

Venue Information

Venue: London UK

Place:

Start Date: 2026-09-08

End Date: 2026-09-12

Course Details

Net Fee: £4750.00

Duration: 1 week

Category ID: METC

Course Code: METC-19

Syllabus

courses Syllabus

Introduction

Discover the potential of Modern Maintenance Technologies to enhance system performance and maximize ROI. Skilllinx presents the Modern Maintenance Technologies courses, offering insights into cutting-edge methods for minimizing costs, reducing downtime, and ensuring safety and quality.

Objectives

Learn to:

- Apply Modern Maintenance Technologies effectively
- Understand the synergy between different maintenance technologies
- Implement these technologies for optimal maintenance efficiency
- Develop action plans integrating these technologies into maintenance strategies

- Introduction and program overview
- Understanding Asset Management
- Cost/benefit analysis in maintenance
- Introduction to risk and its impact
- Video presentation on maintenance and risk followed by interactive discussion

Day 2 - Risk Based Maintenance (RBM)

- Understanding asset deterioration
- Representation of risk in maintenance
- Applying risk to failures
- Seven steps of Risk Based Maintenance (RBM)
- Failure Mode Effect & Criticality Analysis (FMECA)
- Interactive exercise

Day 3 - Root Cause Analysis (RCA)

- Exploring multiple perspectives in problem-solving
- Effective problem-solving techniques
- Identifying root causes of problems
- RCA methodologies and practical application
- Case study analysis

Day 4 - Process Audits, Maintenance Assessments & Benchmarking

- Introduction to process audits, assessments, and benchmarking
- Theory and practical exercises on process auditing
- Conducting maintenance assessments
- Interpretation of benchmarking results
- Interactive exercises and examples

Day 5 - Performance Management & Decision support tools

- Defining performance indicators and process parameters
- Behavioral aspects of performance management
- Influencing behavior for better results
- Utilizing decision support tools for maintenance optimization
- Case study analysis
- Wrap up and conclusion

Closing Remarks

efficiency and reliability in your organization.