GLOBAL TRAINING INSTITUTE

Maintenance Management: Optimizing Operations for Success



GTI - Coordination Office and International Relations (Accredited Programs)

Course Description

The Maintenance Management: Optimizing Operations for Success course is designed to equip both new and experienced professionals with the essential skills and knowledge needed to establish a fully functional maintenance organization. This comprehensive 5-day training covers foundational concepts and builds up to best practices that maximize business benefits. Participants will learn practical strategies to optimize maintenance management, reduce costs, and enhance equipment reliability and availability in the face of budget constraints.

Who Should Attend

This course is highly recommended for:

- Maintenance, Reliability, and Engineering professionals
- Technical support staff, including leadership and management
- Planners and Supervisors
- Reliability Engineers and Maintenance Team Leaders
- Operations Team Leaders and Managers

Course Objectives

By the end of this training seminar, participants will be able to:

- Understand the concepts of costs, capital, profit, and ROI in maintenance contexts.
- Assess the cost impact of unanticipated failures on operations.
- Apply proactive maintenance policies to minimize future costs.
- Structure and analyze failure data to reduce recurring failures.
- Identify root causes of unanticipated failure costs.
- Implement efficient work management practices to lower resource costs.
- Develop and implement effective preventive maintenance programs.

Course Content

Key Maintenance Work Processes

- Overview of maintenance management definitions and types (reactive, planned, preventive, proactive).
- Understanding maintenance management systems and their applications.
- Developing and implementing maintenance key performance indicators.

Preventive Maintenance Strategies

- Creating effective preventive maintenance programs.
- Applying reliability-based principles to maintenance strategy development.
- Exploring maintenance organization structures and policies.

Cost Control in Maintenance

- Managing maintenance spare parts and logistics.
- Optimizing spare parts inventory levels and maintenance budgeting.
- Introduction to life cycle cost concepts and controlling maintenance costs.

Teamwork and Collaboration

- Benefits of integrated teams: engineering, production, and maintenance.
- Strategies for motivating and empowering maintenance teams.
- Implementing total productive maintenance concepts for continuous improvement.

Data Analysis and Continuous Improvement

- Collecting and analyzing failure data to identify chronic issues.
- Utilizing root cause analysis techniques and software for effective problem-solving.
- Planning for quality and reliability through efficient work management practices.