

## MAINTENANCE STORES & INVENTORY CONTROL

*"Optimizing Inventory Management and Stock Control for Efficient Maintenance Operations"*

### Schedule

Date	Venue	Fees (Face-to-Face)
10 - 12 Aug 2026	Dubai, UAE	USD 2,495 per delegate
15 - 17 Sep 2026	Manama, Bahrain	USD 2,495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

### Introduction

In asset-intensive industries, effective management of maintenance stores and inventory control is crucial for minimizing downtime, reducing operational costs, and ensuring the availability of critical spare parts and materials. Optimizing the maintenance inventory not only ensures smooth operations but also enhances cost-efficiency by reducing overstocking and shortages.

This 3-day intensive course provides participants with essential skills in maintenance stores management, inventory control techniques, and spare parts optimization. Through real-life case studies and practical exercises, attendees will learn how to implement effective inventory management systems, manage stock levels, and integrate best practices in spare parts procurement.

### Objectives

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

- Understand the importance of effective inventory control in maintenance operations
- Implement best practices for managing maintenance stores and spare parts
- Optimize inventory levels to reduce carrying costs and improve asset availability
- Use inventory management software and tools to track and manage stock
- Develop strategies for the procurement, storage, and replenishment of materials

## Why Attend

- Enhance your ability to manage maintenance stores efficiently and cost-effectively
- Learn techniques for balancing inventory levels, reducing excess stock, and ensuring parts availability
- Improve procurement processes and stock ordering based on usage and demand forecasts
- Streamline maintenance operations through effective inventory tracking and management
- Gain practical insights into the latest inventory management technologies and tools

## Target Audience

This program is designed for:

- Maintenance managers, supervisors, and planners
- Warehouse and inventory control professionals
- Spare parts managers and procurement officers
- Operations managers and logistics coordinators
- Anyone involved in managing inventory and maintenance materials

## Individual Benefits

Key competencies that will be developed include:

- Effective management of maintenance stores and spare parts inventory
- Techniques for reducing costs related to excess stock and stockouts
- Understanding of inventory control methods such as ABC analysis, EOQ, and JIT
- Familiarity with inventory management software tools and systems
- Improved ability to make informed decisions regarding materials procurement

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced maintenance downtime due to better availability of critical spare parts
- Lower operating costs through improved inventory control and reduced wastage
- More efficient procurement processes, minimizing excess stock and stockouts
- Enhanced decision-making in inventory planning and material management
- A more streamlined, cost-effective approach to managing maintenance stores

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Best practices in maintenance stores management, inventory techniques, and procurement
- Case Studies - Real-world examples of inventory management challenges and solutions
- Workshops - Practical exercises in inventory planning, stock tracking, and procurement
- Peer Exchange - Group discussions on inventory challenges and solutions across industries
- Tools - Inventory management templates, stock control forms, and procurement planning tools

## Course Outline

### DETAILED 3-DAY COURSE OUTLINE

**Training Hours: 7:30 AM - 3:30 PM** Daily Format: 3-4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

#### Day 1: Introduction to Maintenance Stores and Inventory Management

- Module 1: The Importance of Effective Inventory Management (07:30 - 09:30) • Role of inventory control in maintenance operations
  - Key objectives: minimizing downtime, reducing costs, improving stock availability
  - Understanding the maintenance inventory life cycle
- Module 2: Maintenance Stores Organization and Layout (09:45 - 11:15) • Optimizing store layout and storage for ease of access and space utilization • Types of materials and spare parts commonly managed in maintenance stores • Establishing stock turnover guidelines and categorization systems
- Module 3: Inventory Control Methods (11:30 - 01:00) • ABC analysis, Economic Order Quantity (EOQ), and Just-in-Time (JIT) • Stock replenishment strategies and reorder point calculations • Managing safety stock levels and order lead times
- Workshop - Inventory Categorization and Stock Management (02:00 - 03:30) • Develop an inventory categorization system for maintenance stores • Create stock tracking sheets and reorder templates

#### Day 2: Advanced Techniques for Optimizing Maintenance Inventory

- Module 1: Spare Parts Procurement and Vendor Management (07:30 - 09:30) • Strategies for vendor selection and management • Developing procurement processes: tendering, negotiations, and contract management • Aligning procurement with maintenance schedules and demand forecasting
- Module 2: Forecasting and Demand Planning (09:45 - 11:15) • Predicting future demand for maintenance materials • Using historical data and trends for stock forecasting • Collaborating with production teams to align inventory with operational requirements
- Module 3: Inventory Control Software and Tools (11:30 - 01:00) • Overview of inventory management systems (IMS), CMMS, and ERP software • Advantages of using automated systems for tracking and managing inventory • Real-time stock tracking and reporting features
- Workshop - Procurement and Demand Forecasting (02:00 - 03:30) • Develop a procurement plan for critical spare parts • Use data to forecast inventory needs for the next quarter

#### Day 3: Maintenance Stores Efficiency and Cost Optimization

- Module 1: Reducing Inventory Costs and Increasing Efficiency (07:30 - 09:30) • Identifying and eliminating inefficiencies in inventory management • Reducing inventory holding costs through optimized stock levels • Stock rotation, FIFO (First In, First Out), and LIFO (Last In, First Out) systems
- Module 2: Performance Metrics for Inventory Control (09:45 - 11:15) • Key performance indicators (KPIs) for maintenance stores • Measuring inventory accuracy, stock turnover, and lead time • Analyzing stockout rates and excess stock issues
- Module 3: Continuous Improvement in Inventory Management (11:30 - 01:00) • Implementing a continuous improvement process in inventory control • Using feedback loops and employee involvement for process improvements • Applying Lean and Six Sigma principles to maintenance stores
- Workshop - Continuous Improvement and Cost Optimization Plan (02:00 - 03:30) • Develop a continuous improvement plan for a maintenance store • Identify cost optimization strategies for inventory management

## Certification

Participants will receive a Certificate of Completion in Maintenance Stores & Inventory Control, validating their ability to manage maintenance inventory efficiently and cost-effectively, optimizing operations and minimizing unnecessary expenditures.

## Why Choose MAWA Events

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<p><b>In-House / Customized Training</b></p> <p>Interested in running this course for your team?</p> <p>Please contact us:</p>	<p>TEL:</p> <p><b>+601116373203</b></p>	<p>EMAIL:</p> <p><b>info@mawaevents.net</b></p>
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