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# Advanced Warehouse Operations & Management

25 – 29 October 2027
Rome (Italy)



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## Introduction

Warehouse and inventory management are vital components of any organization's operations, playing a key role in supporting business processes and delivering excellent customer service. This course is designed to develop the competency of personnel in warehouse, inventory, and logistics functions, improving their skills, knowledge, and understanding. Effective warehouse and inventory control are crucial for streamlining operations and ensuring products are available when needed. Participants will explore modern inventory techniques, operational strategies, and how to optimize warehouse processes to meet evolving business needs.

With the increasing complexity of global supply chains, warehouse management has become more advanced, incorporating cutting-edge technologies and efficient processes. This course will equip you with the latest methods in warehouse management, inventory control, and logistics operations management, helping you optimize operations, reduce costs, and enhance overall performance.

## Course Objectives

By the end of this course, participants will:

- Improve warehouse performance through modern management techniques.
- Utilize the latest inventory control techniques to optimize stock management.
- Develop skills for managing warehouse personnel and streamlining operations.
- Master methods for handling common operational challenges within warehouses.
- Plan and execute export and import logistics effectively.
- Apply best practices in warehouse automation and warehouse process optimization to enhance operational efficiency.



## Course Outlines

### Day 1: The Principles of Warehouse Operation

- Functions of a Modern Warehouse: Understanding the key functions of a warehouse in a global supply chain management context.
- Where Warehouses Fit in the Supply Chain: The role of warehouses in the broader supply chain and how they impact overall business operations.
- Streamlining the Flow of Materials: Techniques for ensuring smooth material handling and inventory flow.
- Using Warehouse Management Systems WMS: Leveraging warehouse management software to improve accuracy, efficiency, and control.
- Measuring Warehouse Performance: Key performance indicators KPIs and metrics to measure warehouse efficiency.
- Utilizing Barcoding and Technology: The importance of warehouse automation and using technology like barcoding to streamline operations.

### Day 2: Organizing the Warehouse for Flow

- Layout Options: Designing an efficient warehouse layout to optimize inventory control and streamline material handling.
- Receiving, Storage, and Dispatching: Best practices for managing receiving, storage, picking, and dispatching processes to reduce errors and increase speed.
- Using Vertical and Horizontal Space Efficiently: Strategies for maximizing warehouse space utilization.
- Warehouse Equipment Selection: Choosing the right equipment such as forklifts, racking systems, and automated tools for optimal operations.
- Operational Timings and Planning: Planning shift schedules, peak periods, and inventory restocking processes.

### Day 3: Managing Spares and Inventory Control Function

- The Function of Stock and Spares: Understanding how spare parts and stock management impact overall operations.
- Utilizing Consignment Inventory: Exploring consignment and supplier-managed inventory as alternatives to traditional stock management.
- Lessons from the Japanese - Just-in-Time Inventory: How to apply Just-in-Time JIT principles to reduce stock levels and increase efficiency.
- Reducing Excess and Obsolete Inventory: Techniques to eliminate obsolete stock and reduce excess inventory.
- Measuring Inventory Management Performance: Best practices for measuring and improving inventory accuracy and stock rotation.



## Day 4: Inventory Analysis and Product Classification

- Effective Strategies for Inventory Management: Advanced techniques for managing stock and ensuring high inventory turnover.
- Inventory Accuracy and Control: Methods to ensure accurate inventory tracking and reduce discrepancies.
- Managing WIP Work-in-Progress Inventory: How to manage and control WIP efficiently in warehouse operations.
- ABC Classification and Segmentation: Using ABC analysis to classify inventory based on value and turnover rates to prioritize storage and replenishment.
- Replenishment Methods and Strategies: Best practices for inventory replenishment and ensuring stock levels meet demand without excess.

## Day 5: Export and Import Logistics Management

- Managing the Export and Import Function: Key strategies for managing the logistics of exporting and importing goods across borders.
- Using Tools for Export: Understanding the tools and processes involved in export logistics.
- Customs and Compliance: Navigating customs regulations and ensuring compliance with international trade laws.
- Meeting Export Customers' Requirements: How to meet and exceed customer expectations in the export process.
- Transport Methods for Import and Export: Understanding different transportation methods and how to choose the most efficient ones for each operation.

# Why Attend This Course: Wins & Losses!

This course is designed for professionals who want to optimize warehouse operations and improve inventory management within their organization. By attending, you will:

- Enhance your warehouse management skills: Learn modern techniques for warehouse organization, inventory management, and warehouse automation.
- Improve operational efficiency: Discover how to streamline warehouse processes and reduce delays by applying advanced logistics management principles.
- Master inventory control: Learn how to manage stock efficiently, reduce excess inventory, and implement Just-in-Time principles.
- Optimize warehouse layouts: Gain insights into designing warehouse layouts that increase space utilization and workflow.
- Boost export/import logistics: Master the logistics of managing global supply chains, handling imports and exports, and complying with customs regulations.

By improving your warehouse and inventory management skills, you'll become a key asset to your organization, driving productivity, cost savings, and superior service delivery.



## Conclusion

The Warehouse Operations & Management course offers a comprehensive approach to mastering the techniques and strategies needed to optimize warehouse processes and improve inventory control. Whether you are new to the field or an experienced professional, this course will help you enhance your operational capabilities, streamline your warehouse operations, and implement best practices in logistics and supply chain management. Get ready to lead your organization towards greater efficiency, reduced costs, and improved customer satisfaction.

**Enroll now to become an expert in warehouse management, inventory optimization, and logistics process improvement.**

