

# € TRAINING

Excellence in Warehouse Management,  
Storage Safety and Inventory Improvement  
Technology



7 - 18 July 2024  
Cairo (Egypt)



# Excellence in Warehouse Management, Storage Safety and Inventory Improvement Technology

REF: L1532 DATE: 7 - 18 July 2024 Venue: Cairo (Egypt) - Fee: 6965 Euro

## Introduction:

Warehouses and Inventory Management are critical for the effective management of procurement and the supply chain to enable the efficient delivery of superior customer service.

Warehouses and Inventory controls are often overlooked and are not thought to be an important activity. Therefore, incorrect levels of inventory can be held with attendant knock-on effects on costs, availability, and customer service.

## Course Objectives:

At the end of this course the participants will be able to:

- Learn the principles of Warehouse and Inventory Management
- Evaluate current procedures
- Examine operations and activities
- Analyze the key areas of operations
- Identify and Understand key performance indicators
- Succeed in improving operations
- Improve personal productivity
- Make needed changes to methods to improve customer service whilst achieving reductions in inventory
- Reduce wasteful costs
- Avoid those internal problems that limit performance
- Obtain added value for money
- Understand and implement the essential tools for managing warehouses and inventory in the supply chain

## Targeted Audience:

- Supply Chain and all Logistics, Materials, Inventory, Stock, Warehouse and Distribution Professionals
- It will also help those who need to develop their limited understanding of Warehouse and Inventory management
- It will be especially helpful to all those who are looking to make business gains and benefits and to any owners, operators, and directors of companies with warehouse and stores operations and who hold stock and inventory

## Course Outlines:

### Unit 1: The Role of the Warehouse:

- Why we need a warehouse,
- What functions they cover,
- How do they fit into the supply chain
- The balance between sorting and storing
- 12 initial questions to ask about warehousing activity

## Unit 2: Product Classification:

- Supply /demand variables
- ABC Analysis or the 80/20 rule
- Determining product handling groups
- Throughputs and product formats

## Unit 3: Layout Options:

- Receiving options
- Storage options
- Picking/assembly options
- Dispatching options
- Using the floor and the height space
- Organizing for flow

## Unit 4: Methods and Equipment:

- Warehouse structures
- Loading bays
- Selecting forklift trucks
- Selecting racking
- Implications for warehouse layouts
- Operational timings and planning

## Unit 5: Health and Safety:

- Duty of care
- Inspections and risk assessments-task analysis
- Equipment maintenance and care
- Raising people's awareness

## Unit 6: Security and Loss:

- Minimizing internal theft
- Minimizing external theft
- Preventative measures will be briefly discussed.

## Unit 7: Productivity and Costs:

- Fixed and variable cost
- Typical costs involved
- A model for understanding the roles of productivity, utilization, and performance
- Setting productivity and cost targets
- The importance of having measurements and key indications of performance

## Unit 8: Service Levels:

- Internal and external customers
- The three key customer service measure
- Customer service sampling

- Effects of substandard service
- Minimizing errors

### Unit 9: Warehouse Layout:

- Different types of the layout with advantages and disadvantages
- Planning for flow in the warehouse
- Checklists to help on deciding the best option

### Unit 10: Inventory and the Supply Chain:

- Inventory management definition
- Types of stock
- Demand amplifications
- Demand replenishment in networks
- Managing the flows
- Type I and II supply chains
- The Supply Chain Rules
- Inventory and statistics
- Concept of service level