Introduction

Warehouse and inventory management are key to successful **procurement** and **supply chain management**, impacting customer service, operational costs, and stock efficiency. Often overlooked, efficient warehouse controls are crucial for maintaining proper stock levels, optimizing storage, and avoiding unnecessary costs.

This **Certified Warehouse Management Strategy and Implementation Course** equips participants with the knowledge to master warehouse management, including the implementation of **Warehouse Management Systems (WMS)** and **inventory control**. Attendees will gain practical skills to immediately apply in their organizations, ensuring streamlined operations and superior service.

Upon successful completion of this course, participants will receive a **Warehouse Management Certification**, highlighting their proficiency in warehouse systems, control mechanisms, and strategic implementation.

Course Overview

This course is designed to provide a comprehensive foundation in **warehouse management systems** and **inventory control**. It focuses on the implementation of **warehouse strategies**, ensuring participants understand how to integrate technological tools with warehousing operations.

Key topics include:

- **Warehouse Control Systems**
- **Inventory Management Practices**
- **Strategic Warehouse Layout and Design**
- **Cost Management and Productivity Enhancements**

The course is ideal for professionals looking to improve their warehouse management skills and optimize their supply chain operations.

Targeted Groups

This course is ideal for:

- **Procurement Managers**
- **Warehouse Managers**
- **Inventory Managers**
- **Logistics Professionals**
- **Supply Chain Professionals**
- **Procurement Professionals**

Course Objectives

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

- Evaluate and improve warehouse procedures, reducing waste and excess costs.
- Implement best practices for effective warehouse and inventory management.
- Utilize tools and techniques to enhance productivity and performance.
- Analyze key operations and identify critical performance indicators.
- Introduce changes to methods that improve customer service and reduce inventory costs.
- Apply warehouse management and inventory strategies to improve overall operations.

Targeted Competencies

Upon completing the course, participants will be able to:

- Conduct **stock analysis** and leverage productivity improvements.
- Select and maintain the necessary **warehouse equipment**.
- Implement **safe working practices** within the warehouse.
- Apply frameworks for **continuous improvement** in warehouse operations.
- Realize the **financial benefits** of effective warehouse and inventory management.

Course Content Outline

Unit 1: The Role of the Warehouse

- The necessity of a warehouse and its functions
- Integration within the supply chain
- Balancing sorting and storage
- Key questions to consider in warehousing activity

Unit 2: Product Classification

- Analyzing supply/demand variables
- **ABC Analysis** (80/20 rule)
- Determining product handling groups and formats

Unit 3: Layout Options

- **Receiving**, **storage**, **picking**, and **dispatching** options
- Utilizing floor and height space for efficient operations
- Organizing for optimal flow

Unit 4: Methods and Equipment

- Warehouse structures and layout considerations
- Selection of **forklift trucks**, **racking**, and loading bays
- Operational planning and timings

Unit 5: Health and Safety

- Duty of care and risk assessments
- Equipment maintenance
- Raising **safety awareness**

Unit 6: Security and Loss

- Minimizing internal and external theft
- Preventative measures

Unit 7: Productivity and Costs

- Fixed and variable costs in warehouse operations
- Understanding **productivity**, **utilization**, and **performance**
- Setting **productivity targets**

Unit 8: Service Levels

- Understanding internal and external customers
- Key **customer service measures**
- Minimizing errors and improving service

Unit 9: Warehouse Layout

- Various layout types and their advantages
- Planning warehouse flow and optimizing layout

Unit 10: Inventory and the Supply Chain

- Inventory management definitions and types of stock
- Managing demand amplification and replenishment
- Key concepts of **service levels** in inventory

Unit 11: Inventory Key Concepts

- Demand analysis, forecasting, and supply lead time
- Inventory policies and their implications for organizations

Unit 12: Inventory Replenishment Methods and Systems

- Basic mechanics of inventory systems
- **Min/Max** and **Reorder Point** methods
- **Materials Requirements Planning (MRP)** systems

Unit 13: Stock Control-Coding

- Different coding methods for inventory

- Identifying surplus and obsolescent stock

Unit 14: Stock Control-Recording

- The importance of accurate inventory records
- Legal considerations and avoiding inaccuracies

Unit 15: Stock Control-Checking

- Roles and responsibilities in stock checking
- Job descriptions and authority levels
- Methods for performing stock checks

Unit 16: Inventory Performance

- Assessing inventory performance
- Key performance indicators (KPIs) for warehouse management

Unit 17: Inventory Strategies

- Push/pull, **Quick Response (QR)**, and **Efficient Consumer Response (ECR)** strategies
- **Lean** and **agile** approaches to inventory management
- Vendor Managed Inventory (VMI), **cross-docking**, and other collaborative strategies

Unit 18: Inventory Improvements

- Techniques for inventory improvement
- Use of **telemetry**, **EDI**, and **ICT**
- Keys to reducing stock levels and efficient inventory planning

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Certification

Upon completion of this course, participants will receive a **Warehouse Management Certification**, acknowledging their expertise in warehouse management strategies, **inventory control**, and **warehouse systems implementation**.