



Warehouse Management Strategy, Implementation & Control

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Introduction:

An effective warehousing strategy can be a powerful competitive weapon. Best-practice warehouses deliver superior customer satisfaction and return on investment by functioning as a tightly-integrated part of a company's value chain. This course will enable Supply Chain Professionals to understand how to improve the operations of any warehouse by implementing lean operating processes, by intelligently managing inventory, and by establishing a performance management program that ensures continuous improvement. This course will focus on:

- Locating, structuring, and operating the warehouse
- Implementing Lean principles in the warehouse
- Crafting an inventory strategy using three-dimensional SKU segmentation
- Role of the warehouse in the value chain
- Creating a metrics program and establishing an executive KPI dashboard

Who Should Attend?

Warehouse and distribution professionals, Procurement, buyers and purchasing professionals, Contracts, Purchasing, and Project personnel, Engineering, Operational, and Maintenance personnel, Logistics professionals, Supply chain generalists, anyone who need an understanding of how to establish a warehouse that contributes directly to the efficacy of the value chain, and the firm's overall profitability

Course Objectives:

By the end of this course delegates will be able to:

- Develop an understanding of the role of warehouse in the end-to-end value chain
- Learn best practices for warehouse operating processes
- Leverage information technology to improve visibility
- Develop an inventory strategy that optimizes the firm's investment in the warehouse
- Understand the regulatory and personnel dimensions of warehouse operations
- Develop a performance management program to give executives visibility and drive positive change
- Understand warehouse infrastructure strategies
- Understand key warehouse processes, their inter-relationship, and how they impact the flow of goods
- Develop best-in-class inventory control
- Employ Lean in the warehouse to ensure continuous improvements and deliver operational and financial results
- Establish a more flexible and responsive warehouse operation
- Deliver cost savings and speed cash flow
- Create win-win outsourcing relationships
- Leverage IT infrastructure for maximum advantage
- Establish a performance management program and metrics that align directly to corporate goals

Course Outline:

Warehouse Infrastructure Strategies

- Warehouse location strategy
- Options in warehouse layout and design
- Warehousing equipment
- Classes of warehouses
- Warehouse automation
- Information technology (IT) in the warehouse
- Industry variations

Warehouse Operating Processes and Principles

- Key functional processes from receiving to picking and shipping
- Optimizing the flow of goods across processes
- Advanced processes - break-bulk, cross-docking, mixing, assembly
- Item tracking and visibility
- Cycle counting, conducting a physical inventory
- Warehouse safety, regulation and audits
- Implementing Lean principles in the warehouse
- Continuous improvement and managing change

Inventory, Analysis, and Product Classification

- The function of inventory
- Inventory accuracy and control
- Handling WIP (Work-In-Progress) inventory
- Three-dimensional inventory classification and segmentation (ABC)
- Using inventory classification to drive efficiency
- Replenishment methods and strategies

Leveraging Your Resources and Developing New Capabilities

- Managing and incentivizing your people
- Employee training and evaluation
- The IT environment: your enterprise and the warehouse

- Role of the warehouse in the value chain
- Outsourcing: risks and opportunities
- Supplier collaboration models and strategies

Create a World-Class Warehouse with Performance Management and Metrics

- Contemporary trends in warehousing
- Warehouse best practices and benchmarking
- Establishing a baseline
- The role of performance management in the warehouse
- What should you measure?
- Create a “cascading” metrics program that aligns employee performance with corporate goals
- Establish an executive dashboard using key performance indicators (KPIs)
- Identifying, prioritizing and implementing warehouse improvement projects