MERCURY

Warehouse Management: Strategy, Implementation & Control Course

8 – 19 March 2027
Boston (USA)

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Warehouse Management: Strategy, Implementation & Control Course

Ref: 4032_1079698 **Date:** 8 – 19 March 2027 **Location:** Boston (USA) **Fees:** 13500 Euro

Introduction:

Warehouses and inventory management are critical components in effective procurement and supply chain management, instrumental in ensuring the efficient delivery of superior customer service. Often underrated, the warehouse and inventory controls play a pivotal role in maintaining appropriate stock levels and avoiding unnecessary cost implications and customer service issues.

Participants of this certified warehouse management strategy and implementation course will have the opportunity to attend warehouse management training seminars, which will delve into the fundamentals of warehouse management. These seminars equip professionals with industry-leading expertise and hands-on training for immediate application.

Upon successful completion, attendees will earn a warehouse management certification, solidifying their proficiency in warehouse management systems implementation, inventory control, and warehouse strategies and providing an in-depth understanding of the warehouse management course.

Certificate Course in Warehouse Management:

This comprehensive course serves as a warehouse management system course and a full-fledged certificate course in warehouse management. It offers participants a robust foundation in warehouse management strategy, the implementation of warehouse management systems, and overall warehouse control.

This warehouse management strategy and implementation course revolve around a warehouse management system, showcasing how participants can successfully implement a warehouse management system in their operations. Inclined towards practical application, this segment will guide attendees through the steps of warehouse implementation and ensuing control mechanisms.

The warehouse management strategy and implementation course also address the significance of a warehouse control system. Participants will explore the vital components of a comprehensive warehouse control system and learn how to create synergy between warehousing strategies and technological tools.

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Targeted Groups

- Procurement managers.
- Procurement professionals.
- Warehouse managers.
- Inventory managers.
- Logistics professionals.
- Supply chain professionals.

Course Objectives:

Participants of this warehouse management certification will emerge with the ability to:

- Evaluate procedures, change and improve methods, wasteful activities, and excess costs.
- Discover all of the essential tools for effectively managing warehousing and inventory.
- Achieving the best in class performance is exactly what this program is about.
- Use all the practical skills to return to the workplace so that all those internal problems that limit performance are avoided.
- Learn the principles of warehouse and inventory management.
- 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 while achieving reductions in inventory.
- Eliminate 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 Competencies:

At the end of this warehouse management strategy and implementation course, the target competencies will be able to improve the following:

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- Proficiency in stock analysis.
- Understanding of leveraging productivity improvements across operations.
- Knowledge in the selection and maintenance of warehouse equipment.
- Implementation of safe working practices and operations.
- Application of frameworks for continuous improvement within the warehouse.
- Realization of the financial benefits that effective warehouse and inventory management can contribute to an organization.

Course Content:

Unit 1: The Role of the Warehouse:

- Why do we need a warehouse?
- What functions do 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.

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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 assessment 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 costs.
- 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 measures.
- Customer service sampling.
- Effects of substandard service.
- Minimizing errors.

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Unit 9: Warehouse Layout:

- Different types of layouts have advantages and disadvantages.
- Planning for flow in the warehouse.
- Checklists to help in 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.

Unit 11: Inventory Key Concepts:

- Key component: Demand analysis.
- The key component of the demand forecasting.
- The key component of the supply lead time is that.
- Key component: Cost and benefits.
- Inventory benefits.
- Inventory policies.
- Inventory in organizations.

Unit 12: Inventory Replenishment Methods and Systems:

- Basic mechanics of inventory systems.
- The stock time curve.
- Stock components.
- Stock investment.
- Free stock calculation.
- Simple replenishment methods, for example, Min/Max.
- Accurate replenishment methods include Reorder Point and Reorder Level ROP/ROL.
- Requirements planning systems include Materials/Manufacturing Resource/Requirements Planning MRP/MRPII.

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Unit 13: Stock Control-Coding:

- Different coding methods.
- Importance of inventory receipts.
- Identifying surplus and obsolescent stock.
- Checklists to help in deciding the best option.

Unit 14: Stock Control-Recording:

- Separation of powers.
- Legal issues.
- How do we get inaccuracies?

Unit 15: Stock Control-Checking:

- Roles and responsibility.
- Requirements.
- Job descriptions.
- Authority levels.
- Tolerances and approvals.
- The stock check program.
- Options for stock-checking methods.
- Reconciliations/discrepancies.

Unit 16: Inventory Performance:

- Inventory performance.
- Assessing the stock level.
- Models for implementing inventory control.
- Determining stock targets.
- Inventory questions.
- Inventory KPIs in warehouses/stores.

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Unit 17: Inventory Strategies:

- Push/pull.
- Quick response QR.
- Efficient consumer response ECR.
- Collaborative planning, forecasting, and replenishment CPFR.
- Lean and agile approaches.
- Quality management.
- Postponement.
- Cross docking.
- Consolidation.
- Vendor Managed Inventory VMI.
- Consignment stocking.
- Co-Managed Inventory CMI.
- Direct product profitability DPP.
- Economic value added EVA.
- Collaborative supply chains.

Unit 18: Inventory Improvements:

- Using the supply chain.
- Using the theory of constraints.
- Practical inventory improvements.
- Call-offs and telemetry.
- EDI and ICT.
- Keys to reducing stock levels.
- The 7 Rules for planning inventory.
- Model for planning inventory.