MERCURY

Warehouse Management Workshop

19 – 30 April 2027
Johannesburg (South Africa)



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Warehouse Management Workshop

Ref: 15407_1063618 **Date:** 19 – 30 April 2027 **Location:** Johannesburg (South Africa) **Fees:** 9500 Euro

Introduction:

Effective warehouse management is more comprehensive than efficient storage and movement of goods. Still, it extends to ensuring safety, adopting sustainable practices, leveraging automation technologies, nurturing skilled staff, and optimizing the warehouse network.

Enrolling in this Warehouse Management workshop equips you with a warehouse management certification mindset, preparing you for various challenges and training you to apply practical solutions.

Throughout the warehouse management training workshop, we will meticulously cover the process and explore various solutions, ensuring a comprehensive learning experience that defines warehouse management and highlights its importance.

This workshop ensures the utmost preparation for those aiming to excel in their warehouse management roles and responsibilities, utilizing advanced warehouse management tools and techniques and adhering to the foremost warehouse management principles and practices.

Targeted Groups:

- Warehouse Managers.
- Logistics and Supply Chain Professionals.
- Operations and Inventory Managers.
- Warehouse Supervisors and Team Leaders.
- Procurement and Purchasing Professionals.
- Entrepreneurs and Small Business Owners.

Warehouse Management Training:

It is aimed at professionals seeking a warehouse management certificate to validate their expertise. By participating in our warehouse management seminar, attendees will gain recognition for their learned knowledge in state-of-the-art warehouse management methods, laying a foundation for ongoing professional development.

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Workshop Objectives:

At the end of this warehouse management workshop, participants will be able to:

- Understand the fundamental principles of warehouse management and its importance in supply chain operations.
- Gain insights into various types of warehouses and their functions.
- Learn about key performance indicators KPIs used to measure warehouse performance.
- Explore practical warehouse layout and design strategies to optimize space utilization and minimize travel distances.
- Understand inventory management techniques to ensure efficient stock control and minimize stockouts and excess inventory.
- Learn about inbound and outbound processes in warehouse operations, including receiving, inspection, put-away, order picking, packing, labeling, and shipping.
- Discover strategies for implementing warehouse automation and robotics to enhance operational efficiency.
- Gain knowledge of safety and security protocols in warehouse operations.
- Explore sustainable practices and initiatives for environmentally friendly warehouse management.
- Learn how to train and develop warehouse staff to enhance their skills and foster a positive culture.
- Understand the concept of warehouse network optimization and its impact on order fulfillment.
- Gain insights into technology solutions for real-time visibility, analytics, and optimization in warehouse management.
- Analyze case studies and best practices in warehouse management to apply industry insights to real-world scenarios.
- Develop a mindset for continuous improvement in warehouse management practices.
- Foster collaboration and knowledge sharing among participants through interactive activities and group discussions.

Targeted Competencies:

Participants competencies in this warehouse management training will:

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- Introduction to Warehouse Management.
- Warehouse Layout and Design.
- Inventory Management in Warehouses.
- Warehouse Operations and Processes.
- Warehouse Performance Measurement and Continuous Improvement.
- Warehouse Safety and Security.
- Warehouse Automation and Robotics.
- Sustainable Warehouse Practices.
- Warehouse Staff Training and Development.
- Warehouse Network Optimization.

Workshop Content:

Unit 1: Introduction to Warehouse Management:

- Overview of warehouse management and its importance in supply chain operations.
- Key objectives of effective warehouse management.
- Understand the role of technology in modern warehouse management.
- Introduction to different types of warehouses and their functions.
- Overview of key performance indicators KPIs for measuring warehouse performance.

Unit 2: Warehouse Layout and Design:

- Importance of warehouse layout and design for efficient operations.
- Factors to consider when designing a warehouse layout.
- Different storage systems and their advantages and disadvantages.
- Optimizing space utilization and minimizing travel distances.
- Implementing safety measures and ergonomic considerations.

Unit 3: Inventory Management in Warehouses:

- Importance of effective inventory management in warehouses.
- Inventory control methods: ABC analysis, Just-in-Time JIT, and Economic Order Quantity EOQ.
- Implementing inventory tracking systems barcode, RFID and automated replenishment.
- Strategies for reducing stockouts and excess inventory.
- Cycle counting and physical inventory management.

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Unit 4: Warehouse Operations and Processes:

- Understanding inbound and outbound processes in warehouse operations.
- Efficient receiving and inspection of goods.
- Put-away strategies and slotting techniques.
- Order picking methods e.g., batch picking, zone picking.
- Packing, labeling, and shipping processes.
- Cross-docking and transshipment strategies.

Unit 5: Warehouse Performance Measurement and Continuous Improvement:

- Key performance indicators KPIs for measuring warehouse performance.
- Analyzing and interpreting warehouse performance data.
- Implementing continuous improvement strategies.
- Lean principles and practices in warehouse management.
- Using technology for real-time visibility and analytics.
- Case Studies and best practices in warehouse management.

Unit 6: Warehouse Safety and Security:

- Importance of safety and security in warehouse operations.
- Identifying potential hazards and implementing safety protocols.
- Training employees on proper handling of equipment and materials.
- Implementing security measures to prevent theft and unauthorized access.
- Developing emergency response plans and conducting drills.

Unit 7: Warehouse Automation and Robotics:

- Understanding the benefits and challenges of warehouse automation.
- Introduction to robotics and their applications in warehouse operations.
- Implementing automated storage and retrieval systems AS/RS.
- Utilizing autonomous vehicles and drones for material handling.
- Integrating warehouse management systems WMS with automation technology.

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Unit 8: Sustainable Warehouse Practices:

- Importance of sustainability in warehouse management.
- Reducing energy consumption and implementing green initiatives.
- Implementing recycling and waste management programs.
- Using eco-friendly packaging materials and optimizing packaging processes.
- Incorporating sustainable transportation and logistics practices.

Unit 9: Warehouse Staff Training and Development:

- Importance of training and developing warehouse staff.
- Identifying training needs and designing effective training programs.
- Developing skills in inventory control, order fulfillment, and customer service.
- Cross-training employees for versatility and flexibility.
- Employee engagement strategies and fostering a positive warehouse culture.

Unit 10: Warehouse Network Optimization:

- Understanding the concept of a warehouse network.
- Analyzing the location, capacity, and distribution of warehouses.
- Optimizing warehouse network design for efficient order fulfillment.
- Implementing multi-echelon inventory optimization MEIO.
- Evaluating transportation and logistics options for network optimization.

Conclusion

Participants will leave with a fortified understanding of the effective warehouse management process and actionable strategies that address common warehouse management challenges. It culminates in a value-added experience that reflects their improved competencies and a case study on warehouse management to benchmark their growth.