



Warehouse Operations - Planning And Management

Course Venue: UAE - Dubai

Course Date: From 26 Jan 2020 To 30 Jan 2020

Course Place: Boulevard Sheikh Mohammed Bin Rashid

Course Fees: 5450 GBP



Introduction

Warehouse operations are often mistakenly thought to exist in a static environment, where conditions and requirements rarely change and where warehouse planning entails the onetime activities of building a structure and providing equipment. Similarly, warehouse management is thought to be merely the supervision of a few simple, highly repetitive tasks. On the contrary, warehouse operations exist in a dynamic environment.

Course Objectives

How efficient is your warehouse? This course can show you how to maximize the use of your space, equipment, and labor. And that can have an impact on the bottom line, by saving money, as well as on the top line, by improving service. You'll learn how to:

- Select the best combination of materials handling and storage equipment
- Speed up order processing while cutting costs
- Design an effective loss-control program
- Determine the best warehouse layout
- Measure warehouse performance to find trouble spots
- Contains a multiple-choice examination and an examination case

Course Outline

Warehousing

- Warehousing Defined
- The value of Warehousing
- The objectives of Warehousing
 - Warehouse Resources
 - Customer Requirements
- Design, Analysis, Control, and Maintenance of Warehousing Operations

Developing a Warehouse Plan

- Warehouse Planning Methodology
- Space Planning for Receiving and Shipping
 - Define the Materials Received and Shipped
 - Determine the Dock Bay Requirements
 - Determine Other Vehicle Interface Requirements
 - Determine the Allowances for Maneuvering Inside the Warehouse
 - Determine the Buffer Area and Staging Area Requirements
 - Determine the Space Requirements for Dock-Related Activities
- Space Planning for Storage Activities
 - Define the Materials to BE Stored
 - Determine the Storage Philosophy
 - Determine the Space Requirements for Alternative Storage Methods
- Creating Preliminary Designs for Material Handling
- Creating Preliminary Designs for Warehouse Layout
- Conclusion

Developing a Warehouse Information System Plan

- Warehouse Information Management



- Establishing Information Systems Requirements
 - Develop a Graphical Representation of the System
 - Identify Decisions and Decision Makers
 - Write Requirements Statements and Define Data Needs
 - Determine Levels of Automation
 - Software Selection
- Data Entry and Data Management
- Writing Up the Information System Plan
- Conclusion

Equipment Planning

- Warehouse Equipment Planning Methodology
 - Define Functions to Be Performed
 - Identify Equipment Alternatives
 - Evaluate the Equipment Alternatives
 - Present Value
 - Evaluating Alternatives: A case Study
 - Select the Equipment
 - Identify and Select the Vendor
- Conclusion

Types of Warehouse Equipment

- Dock Equipment
- Storage Equipment
- Material Handling Equipment
- Conclusion

Personnel Planning and Selection

- Planning Warehouse Staff Requirements
 - Determine the Tasks to Be Performed
 - Determine the Operating and Clerical Personnel Requirements
 - Determine Administrative Personnel Requirements
- Planning Warehouse Personnel-Related Areas and Services
 - Warehouse Offices
 - Food Services
 - Lavatories
 - Locker Rooms
 - Medical Facilities
 - Safety Concerns
 - Employee Parking