

Warehouse Ops: WMS, ABC Analysis & JIT

Learn to organise warehouse operations, control inventory with ABC analysis and JIT, and manage export and import logistics.

5 Days

DURATION

5

MODULES

37

TOPICS

COURSE OVERVIEW

This course covers the principles of warehouse operation, including warehouse management systems, performance measurement and barcoding technology. It then examines warehouse layout and equipment selection for efficient material flow, followed by inventory control methods such as consignment inventory, supplier managed inventory and just-in-time practices. Later modules address inventory analysis and product classification through ABC segmentation and replenishment strategies. The final module covers export and import logistics, including customs, lead time and transport methods.

WHO THIS COURSE IS FOR

Warehouse Managers

Inventory Controllers

Logistics Coordinators

Supply Chain Analysts

Export and Import Managers

Operations Planners

LEARNING OBJECTIVES

- Explain the functions and performance measures of a modern warehouse
- Describe how warehouses fit within the wider supply chain
- Apply barcoding and other technology to warehouse operations
- Plan warehouse layouts for receiving, storage, picking and dispatch
- Compare methods and equipment such as forklifts and racking
- Apply just-in-time and supplier managed inventory practices
- Assess inventory accuracy using ABC classification and segmentation
- Identify considerations for export and import logistics, including customs

5 Modules, 37 Topics

DAY 1**01**

The Principles of Warehouse Operation

TOPICS

- Functions of a Modern Warehouse
- Where Warehouses Fit in the Supply Chain
- Streamlining the Flow of Material
- Utilizing Warehouse Management Systems
- Measuring Warehouse Performance
- Effective Utilization of Bar Coding
- Employing the Latest Technology

DAY 2**02**

Organising the Warehouse for Flow

LAYOUT OPTIONS

Receiving Options · Storage Options · Picking / Assembly Options · Dispatching Options · Using the Floor and the Height Space · Organising for Flow

METHODS AND EQUIPMENT

Selecting Fork Lift Trucks · Selecting Racking · Warehouse Structures · Loading Bays · Implications for Warehouse Layouts · Operational Timings and Planning

DAY 3**03**

Managing the Spares and Inventory Control Function

TOPICS

- The Function of Stock and Spares
- Utilizing Consignment Inventory
- Moving to Supplier Managed Inventory
- Lessons from the Japanese - Just in Time Inventory
- Reducing Excess and Obsolete Inventory
- Measuring Inventory Management Performance

04

Inventory, Analysis, and Product Classification

TOPICS

- Effective Strategies for Inventory Management
- 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

05

Export and Import Logistics Management

TOPICS

Managing the Export and Import Function · Using Tools for Export · Customs · Understanding Export Customers' Requirements · Consideration of Lead Time in Imports · Methods of Transport

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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