



*Training Course:
Inventory and Stock Control Management*

*18 - 29 January 2027
Kigali (Rwanda)*

Training Course: Inventory and Stock Control Management

Training Course code: PC4051 From: 18 - 29 January 2027 Venue: Kigali (Rwanda) - Training Course Fees: 9700 € Euro

Introduction

Inventory management is a critical component of supply chain performance. Excess stock, poor control, or inaccurate forecasting can increase costs, reduce service levels, and limit profitability. This 10-day program equips participants with the knowledge and practical skills to optimize inventory management, implement world-class stock control practices, and improve supply chain efficiency.

Objectives

By the end of this program, participants will be able to:

- Analyze current inventory systems and identify gaps
- Apply methods to improve inventory accuracy and reduce waste
- Use forecasting and replenishment techniques to optimize stock levels
- Implement stock control, coding, and recording best practices
- Measure inventory performance using KPIs
- Apply advanced inventory strategies for lean, agile, and collaborative supply chains
- Develop action plans for continual improvement

Target Audience

- Supply Chain Professionals
- Inventory and Warehouse Managers
- Procurement Officers
- Production Planners
- Operations Managers

Program Outline

Day 1: Introduction to Inventory & Supply Chain

- Importance of inventory management in the supply chain
- Types of stock and classification
- Role of inventory in reducing costs and improving service
- The 8 Supply Chain Rules
- Inventory statistics and service level concepts

Day 2: Demand Analysis and Forecasting

- Understanding customer demand patterns
- Demand amplification and replenishment in networks
- Tools for demand analysis and forecasting
- Aligning inventory strategy with supply chain objectives

Day 3: Replenishment Methods & Systems

- Basic replenishment techniques: Min/Max, ROP/ROL
- Advanced replenishment: MRP and MRP II
- Lead times, safety stock, and reorder points
- Practical exercises: calculating stock requirements

Day 4: Inventory Coding, Recording, and Control

- Stock coding methods and classification systems
- Recording inventory accurately
- Handling surplus and obsolete stock
- Stock check programs, reconciliation, and authority levels
- Case study: audit of warehouse inventory

Day 5: Inventory Performance Measurement

- Assessing stock levels and targets
- Inventory KPIs: accuracy, turnover, and service level
- Monitoring performance using scorecards
- Practical exercises: KPI calculation and analysis

Day 6: Cost & Value Analysis

- Total Cost of Ownership TCO
- Value analysis and cost-benefit assessment
- Life cycle costing for capital equipment
- Identifying and eliminating low-value activities

Day 7: Advanced Inventory Strategies

- Push vs. pull systems
- Quick Response QR and Efficient Consumer Response ECR
- Collaborative Planning, Forecasting, and Replenishment CPFR
- Lean and agile inventory approaches

Day 8: Vendor and Supplier Inventory Management

- Vendor Managed Inventory VMI and Consignment Stock
- Co-Managed Inventory CMI
- Supplier performance and collaboration
- Direct Product Profitability DPP and Economic Value Added EVA

Day 9: Inventory Optimization Techniques

- Theory of Constraints applied to inventory
- Postponement, cross-docking, and consolidation techniques
- Call-offs, telemetry, and EDI/ICT integration
- Planning and implementing continuous improvements

Day 10: Action Planning & Case Studies

- Applying world-class inventory tools in practice
- Evaluating inventory scenarios and challenges
- Developing practical action plans for participants' organizations
- Review of all tools, strategies, and KPIs
- Final group exercises and knowledge application

Registration form on the Training Course: Inventory and Stock Control Management

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