

# Advanced Warehouse & Inventory Management



MEERIM VISIONARY TRAINING (FZE)  
INSPIRING AMBITION AND SUCCESS



## Training Program

5-9 APRIL 2026

DUBAI, UAE

### Program Overview:

This program is designed to equip professionals with advanced tools, techniques, and best practices to optimize warehouse operations and inventory performance. The course focuses on cost reduction, service level improvement, inventory accuracy, space optimization, and technology integration, aligned with modern supply chain demands.

Participants will learn how to transform warehouses from cost centers into value-adding strategic assets.



[www.mvtuae.com](http://www.mvtuae.com)

## TECHNICAL PROPOSAL

# ADVANCED WAREHOUSE & INVENTORY MANAGEMENT



## Training Audience:

- Warehouse & Stores Managers
- Inventory & Stock Control Officers
- Supply Chain & Logistics Professionals
- Procurement & Planning Engineers
- Operations & Distribution Managers
- Materials & Spare Parts Coordinators
- Supervisors responsible for warehouses and stores

## Key Learning Outcomes:

- Design and optimize warehouse layouts to improve space utilization, material flow, and operational efficiency
- Implement advanced inventory control techniques (ABC, VED, FSN, XYZ, EOQ, ROP) to reduce excess stock and shortages
- Improve inventory accuracy through effective cycle counting, audits, and reconciliation practices

## Training Objectives:

- Optimize warehouse layout, storage, and material flow
- Improve inventory accuracy and reduce excess stock
- Apply advanced inventory planning and control techniques
- Enhance picking, packing, and dispatch efficiency
- Implement KPIs and performance dashboards
- Integrate WMS, ERP, and digital tools into warehouse operations
- Reduce operational risks, losses, and downtime

# KEY OUTCOMES

LOWER OPERATING  
COSTS  
HIGHER INVENTORY  
ACCURACY

## Organizational Benefits:

- Reduced inventory holding and operating costs
- Improved order fulfillment accuracy and speed
- Better space utilization and asset protection
- Stronger supply chain reliability and compliance

## Risk Management, Cost Optimization & Excellence

## Training Methodology:

- *Interactive classroom sessions*
- *Real-life case studies*
- *Group discussions & exercises*
- *Practical tools, templates & checklists*
- *Industry best practices and benchmarks*
- *Group Debriefs & Q&A*

## Key Practical Skills Gained:

- Practical skills applicable immediately at work
- Strong understanding of modern warehouse best practices
- Ability to reduce stock discrepancies and operational errors
- Improved decision-making using data and KPIs





## Day 2: Warehouse Layout, Storage & Material Handling

- Warehouse layout design principles
- Space utilization and capacity planning
- Storage systems: racks, shelving, bins, bulk storage
- Slotting strategies and ABC zoning
- Material handling equipment selection (MHE)
- Receiving, put-away, picking, and dispatch flow optimization
- Safety, ergonomics, and damage prevention

## Training Modules:

### Day 1: Modern Warehouse Management

#### Foundations

- Role of warehouse in the end-to-end supply chain
- Warehouse types: raw materials, spare parts, finished goods
- Warehouse functions and process mapping
- Warehouse organization structure and responsibilities
- Common warehouse challenges and root causes
- Best-practice warehouse operating models
- Case study: Traditional vs optimized warehouse operations



### Day 3: Advanced Inventory Management & Control

- Inventory types: cycle, safety, buffer, critical spares
- Inventory classification: ABC, VED, FSN, XYZ analysis
- Demand forecasting fundamentals
- Reorder point (ROP), EOQ, Min/Max systems
- Managing slow-moving, obsolete, and surplus inventory
- Inventory accuracy, cycle counting & physical stock audits
- Practical exercises & calculations



## Advanced Warehouse & Inventory Management

### Training Modules:

#### Day 4: Warehouse Performance, KPIs & Digitalization

- Warehouse KPIs and performance measurement
- Productivity, accuracy, service level, and cost KPIs
- Inventory turnover and stock health indicators
- Warehouse Management Systems (WMS) overview
- Integration with ERP systems (SAP / Oracle concepts)
- Barcode, RFID, automation & smart warehouse trends
- Data-driven decision making in warehouse operations

#### Day 5: Risk Management, Cost Optimization & Excellence

- Warehouse risk assessment and controls
- Loss prevention, shrinkage, and damage reduction
- Compliance, documentation, and audit readiness
- Cost drivers in warehouse operations
- Continuous improvement (Lean, 5S, Kaizen) in warehouses
- Developing a warehouse improvement action plan
- Final group exercise & best-practice roadmap



# TALK TO US



**MEERIM VISIONARY TRAINING (FZE)**

**INSPIRING AMBITION AND SUCCESS**

MEERIM Visionary Training FZE:  
Mobius Institute: An Authorized Training & Examination Center



[info@mvtuae.com](mailto:info@mvtuae.com)



+971 50 6525 978



[www@mvtuae.com](http://www@mvtuae.com)



Rolex Tower Level 9B Office B46-067, Sheikh Zayed Road, Dubai, UAE.

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018