

**HYBRID
TRAINING**

19 & 20 May 2025 (Mon & Tue)



**Remote Online Training (Zoom) &
Dorsett Grand Subang Hotel,
Selangor (Physical)**

**** Choose either Zoom OR Physical Session**

INTRODUCTION:

Managing Material and Inventory Performances is key toward ensuring organizations stay focus toward achieving the key goals of delivering the utmost product and material services to the customers.

Very often, disruption in quality, delivering and unforeseen sudden issue demand created issues which will impact overall efficiency of the companies. This can result in negative branding issue.

This program allows participants to understand key strategies to implement in ensuring the material and inventory performances are always under control and will eliminate issues to the companies operating standard.

METHODOLOGY & DURATION

- 14 hours program in class or online learning
- Power point presentation and notes will be provided
- Case studies to stimulate better learning
- Post test to gauge learning toward the end of the program

TARGETED AUDIENCE:

Key participants who are encouraged to attend this program will be everyone involved in the supply chain operation, warehousing, procurement, production, planning, sales team members and middle and senior executives and managers who are involved directly or indirectly in managing the efficiency of the company inventory operation.

**14 HOURS ZOOM & PYHSICAL
Program**

MANAGING MATERIAL AND INVENTORY PERFORMANCES

LEARNING OBJECTIVES:

By the end of the session, participants will able to:-

1. Develop understanding on fundamental and principle of inventory management
2. Understand why integration is important for efficient inventory operation
3. Acquired the understanding of the push and pull inventory system strategies
4. Acquired understanding on challenges of Inventory Management
5. Develop know how on 3rd party risk management system
6. Able to understand operational risk management and why it is important in inventory management
7. Understand the role of different section in the inventory supply chain flow to manage inventory efficiently
8. Understand the managing strategies to manage suppliers effectively to eliminate disruption to inventory supplies
9. Develop full awareness and knowledge on how to implement effective inventory system at the workplace
10. Understand Inventory Planning structure for better inventory management
11. Understanding key warehousing inventory principle
12. Understanding material performances managing system

COURSE CONTENT

Module 1 – Integrating the Material Management

- Definition of “inventory”
- Type of Inventory
- Disadvantages and Advantages of Inventory
- Inventory on business bottom-line profit
- Type of integration in inventory management
- Internal and External Integration
- Key consideration in integration

Module 2 – Managing Effective Inventory

- Consignment stock
- Customer stock
- Vendor managed inventory
- Stock accuracy management
- Safety stock calculation
- Reorder level calculation
- Calculating your inventory replenishment and safety stock level
- Calculating inventory turnover ratio and inventory to sales ratio
- Understanding Pareto management and how to decide the management of material and inventory

Module 3 – Inventory Cost and Understanding Economic Order Quantity

- Different type of inventory cost
- Inventory holding cost
- Understanding inventory valuation formulas
- Calculating Inventory Holding Cost
- Economic Order Quantity

Module 4 – Inventory Ratio and KPI

- Inventory turnover KPI
- Inventory to Sales KPI
- Days on Hand KPI
- Weeks on Hand KPI
- Backorder Rate KPI
- Inventory Shrinkage KPI
- Dead / Slow Moving stock KPI
- Stock accuracy KPI
- Available Material KPI

Module 5 – Material and Inventory Forecasting

- Qualitative Forecasting
- Quantitative Forecasting
- Measuring Forecasting Accuracy

Module 6 - Supply Chain Inventory Strategies

- Traditional Inventory system
- Understanding the Push and Pull system
- Lean Kanban
- Deciding factors in choosing the best system
- Learning Pareto Analysis for Inventory control
- **Case study – Understanding Pareto management and how to decide the management of material and inventory**

Module 7 – Preventing Inventory Disruption

- 3rd party risk management
- Managing beyond the 1st tiers supplies
- Conducting audit and key areas of audits
- Leverage and Preventive Strategies
- Quality management strategies

Module 8 – Inventory Risk Management

- Operational Risk Management
- Managing beyond Operational risk
- Preemptive technique to avoid disruption

Module 9 – Warehousing Inventory Principles

- Stock accuracy management system
- Location management system
- Cross docking
- Key Inventory Principles for Warehousing operation
- Inventory Picking strategies