EXCELLENCE IN WAREHOUSE AND INVENTORY



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TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
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Introduction

Warehouse and inventory performance rarely fails for one dramatic reason. It slips through small daily habits: a misplaced pallet, a record updated late, a receiving check skipped under pressure. This Excellence in Warehouse and Inventory Training Course gives warehouse, inventory, and supply chain professionals a complete method to run both sides of the operation to a high standard. Participants learn how to design storage layouts, control receiving and dispatch, keep stock records accurate, set replenishment parameters, and measure the indicators that show real progress. In addition, the course builds the leadership and continuous improvement habits that turn good practice into a lasting operating culture rather than a short campaign.

Excellence in Warehouse and Inventory Course Objectives

- Design warehouse layouts, zoning, and slotting that cut travel time and improve flow.
- Operate receiving, put-away, picking, packing, and dispatch to documented standards.
- Apply ABC and XYZ classification to set control levels by value and demand behaviour.
- Calculate economic order quantity, safety stock, and reorder points for stock items.
- Maintain inventory accuracy through cycle counting, location discipline, and tolerance control.
- Manage multi-location stock with transfer rules and pooling arrangements.
- Control slow-moving, obsolete, and excess stock through ageing analysis and phase-out plans.
- Apply 5S, kaizen, and value stream mapping to warehouse and stores processes.
- Embed safety controls, manual handling rules, and risk assessments in daily work.
- Measure performance using turnover, fill rate, order accuracy, and cost per order.

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Course Methodology

- Facilitated sessions built on live warehouse layouts and inventory records.
- Layout, slotting, and travel distance exercises with flow analysis.
- Simulation of a receiving-to-dispatch cycle under service level targets.
- Cycle counting and reconciliation practice with variance investigation.
- Group work on a combined warehouse and inventory excellence plan.

Who Should Take This Course

- Warehouse managers, supervisors, and team leaders.
- Inventory controllers and stock accuracy officers.
- Stores and logistics supervisors.
- Supply chain and operations coordinators.
- ERP and WMS super users and process improvement officers.
- Health and safety staff in storage and handling environments.

Excellence in Warehouse and Inventory Course Outlines

Day 1: Warehouse Design, Layout, and Capacity

- Warehouse functions and how they shape layout decisions.
- Flow types: U-flow, I-flow, and through-flow compared.
- Zoning: receiving, storage, pick face, packing, dispatch, and returns.
- Aisle planning, rack configuration, and vertical space use.
- Slotting by velocity, cube, weight, and product affinity.

- Capacity calculation, cube utilisation, and growth planning.
- Layout drawings, flow diagrams, and relocation planning.

Day 2: Warehouse Operations and Productivity

- Inbound scheduling, dock management, and vehicle turnaround.
- Goods receipt, quality checks, and discrepancy handling.
- Put-away strategies and directed placement.
- Picking strategies: zone, batch, wave, and cluster picking.
- Packing standards, load building, and dispatch documentation.
- Labour standards, work measurement, and peak planning.
- 5S, visual management, and value stream mapping on the floor.

Day 3: Inventory Classification and Policy Setting

- Inventory types and the costs of holding and not holding stock.
- ABC classification by annual usage value.
- XYZ classification by demand variability.
- The combined ABC-XYZ control matrix.
- Economic order quantity and quantity discount decisions.
- Safety stock formulas using service level and variability factors.
- Reorder point, min-max, and periodic review systems.

Day 4: Stock Accuracy and Obsolescence Control

- Cycle counting design by item class, frequency, and tolerance.
- Blind counts, count-back, and control group counting.
- Root cause analysis of count variances and corrective action.

- Location management and pick-face discipline.
- Ageing analysis and slow-mover identification.
- Phase-out planning, substitution, and disposal governance.
- Adjustment approval levels and audit trails.

Day 5: Performance, Safety, and Continuous Improvement

- KPIs: turnover, days of inventory, fill rate, order accuracy, and cost per order.
- Space utilisation and productivity reporting.
- Safety controls, risk assessment, and manual handling rules.
- Warehouse audits and housekeeping standards.
- Supplier, carrier, and 3PL performance review.
- Technology in stores: WMS, barcode, and mobile scanning.
- Building an annual warehouse and inventory excellence roadmap.

Conclusion

By successfully completing the Excellence in Warehouse and Inventory Training Course, participants will have acquired a thorough working knowledge of warehouse layout and operations management, inventory classification and policy setting, stock accuracy control, obsolescence management, safety practice, and performance measurement. They will leave able to run a cleaner, faster, safer warehouse whose records match reality and whose stock levels serve demand. Gentex Training Center delivers this programme with warehouse and inventory practitioners who manage these operations daily.

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FAQs for the Excellence in Warehouse and Inventory course

Q1 What is the "Excellence in Warehouse and Inventory" course about?

It is a five-day programme on running warehouse operations and inventory control together to a high standard. It covers layout and slotting, receiving and dispatch, inventory classification, safety stock and reorder points, stock accuracy, obsolescence control, safety practice, and performance measurement.

Q2 What are the key benefits of the "Excellence in Warehouse and Inventory" course?

Participants raise throughput and order accuracy while cutting travel time and cost per order, and they release cash locked in excess and obsolete stock. They also gain a safer floor, cleaner records, and reporting that shows management exactly where the operation stands.

Q3 What skills will I gain from the "Excellence in Warehouse and Inventory" course?

You will gain warehouse layout and slotting design, receiving and dispatch operations control, inventory classification and policy setting, and stock accuracy and obsolescence control with performance measurement.

Q4 What tools, methods, or standards are covered in the "Excellence in Warehouse and Inventory" course?

The course works with U-flow, I-flow, and through-flow layout models, velocity-based slotting, wave and batch picking methods, ABC and XYZ classification matrices, economic order quantity models, safety stock formulas, reorder point and min-max systems, cycle counting with tolerance thresholds, 5S, kaizen and value stream mapping, and warehouse KPI dashboards including turnover, fill rate, and cost per order.

Q5 How is the "Excellence in Warehouse and Inventory" course applied in real-world practice?

Teams apply it when reslotting a pick face, redesigning the receiving bay, resetting reorder points, running cycle counts, and preparing a seasonal peak plan. It also guides 5S rollouts on the floor, slow-mover disposal decisions, and carrier performance reviews.