

# Inventory Planning & Control

## INTRODUCTION

*Inventories are a major component of any logistics system and can be as much as 50% of the capital employed in any organisation. Inventory management is key in the elimination of wasteful activities. Inventory needs to be planned, managed and controlled in order to achieve the basic aims of:*

- *Minimising costs at acceptable levels of investment.*
- *Providing the desired levels of customer service.*
- *Improve availability and flexibility to internal customers.*

*This course will introduce participants to the fundamental nature of inventory from a financial, physical, forecasting, and operational standpoint.*

*The course will present immediate usable information in the areas of forecasting, physical control and layout, problem recognition and resolution.*

*New technology is also explained.*



## TRAINING OBJECTIVES

The Aim of this course is to provide delegates with an understanding of the following:

- ✓ Understand that modern practice discourages holding large quantities of inventory and encourages only having amounts on-hand required for current needs (pull system).
- ✓ Grasp the significance of controlling actual, on-hand inventory as both a physical object (shelf count) and as an intangible object (record count and monetary worth).
- ✓ Understand the fundamental differences between finished goods inventories in the retail/distribution sectors and raw materials and work-in-process inventories.
- ✓ Contents include in brief:
  - Inventory Definition, Purpose, Categories & Types
  - Inventory Management Accounting Basics
  - Independent Demand Inventory Systems
  - Cycle Count Methodologies
  - Bar Coding definition, objectives, advantages & structure
  - Inventory Planning Concepts and Forecasting Techniques
  - Replenishment Concepts, incl: EOQ & JIT
  - Stock evaluation & performance measurement
  - Physical Controls: The Warehouse Environment
  - Distribution Inventory Planning and Control (Logistics) Basics
  - Why Inventory Systems Fail and How to Fix Them
  - Protecting Inventory

## WHO SHOULD ATTEND?

The participants who would benefit from this course include (but not limited to):

- ✓ Manufacturing/Production Management supervisors and managers (Productivity issues); understanding costs.
- ✓ Quality Management/Quality Assurance/Quality Control supervisors and managers (incoming; chemicals etc.)
- ✓ Engineering/Maintenance Management (Failures, breakdowns, catastrophe) avoidance of substandard materials.
- ✓ Logistics; Procurement and Transportation management (Stock out; late delivery; over stock); failure avoidance.
- ✓ Other support groups like Information Technology; Industrial Engineering; Financial Management and H.R. in order to understand the difficulties regarding inventory management and think of supporting roles.
- ✓ Any Risk Management employees. During incident and accident investigations; materials are often the root cause.
- ✓ It can be particularly valuable to those newer to this field or those who wish to refresh their knowledge of the 4 types of materials; namely: Raw Materials; Components; WIP and Finished Goods.

**Course Duration:** 2 Days

**SAAMA Accredited:** 2 CPD Points

**Jaco Kleynhans E-mail:** [jaco@steptraining.co.za](mailto:jaco@steptraining.co.za)

**Cell phone:** 074 876 4437