Logistics and equipment operation

Stock and supply management

Two days to hold the right stock level: enough to serve customers and production, not so much that cash is tied up or products age. ABC classification, replenishment methods, safety stock, forecasting, stocktaking and indicators are applied to an extract of your own stock data, down to the replenishment parameters of your main items.

Duration : 2 days

Objectives

1. Explain the role and carrying cost of the different stocks: materials, work in progress, finished goods, spare parts
2. Classify items according to their value and the regularity of their consumption
3. Choose a replenishment method and calculate the reorder point and safety stock
4. Make stock reliable through cycle counting and variance analysis
5. Build a dashboard: turnover, coverage, service level, stockouts, dormant stock

Programme

Day 1 — morning

• Why hold stock: demand uncertainty, supplier lead times, lot sizes, seasonality
• Carrying cost, stockout cost, order placement cost
• Types of stock and who is responsible for each
• ABC and XYZ classification: principles and uses

Day 1 — afternoon

• Replenishment methods: reorder point, periodic review, order-based
• Safety stock: lead time, variability, target service level
• Economic order quantity and its limits in practice
• Exercise: calculations on items from your stock

Day 2 — morning

• Demand forecasting: averages, trend, seasonality, role of sales
• Annual stocktake and cycle counting, analysis of variances and their causes
• FIFO and FEFO rotation, management of lots and dates
• Dormant and obsolete stock: detection and treatment

Day 2 — afternoon (workshop)

• Coordination of purchasing, production, sales and logistics; supplier reliability
• Workshop: ABC analysis of an extract of your stock and replenishment parameters for the A items
• Building the dashboard and alert thresholds
• Knowledge test and presentation of the parameters chosen

Teaching methods

• Spreadsheet exercises based on an extract of your stock and consumption data
• Cases of stockouts and overstocks from industry and distribution
• Work in sub-groups bringing together purchasing, logistics and production
• Mid-course quiz and final test

Assessment and documents

A mid-course quiz and a knowledge test, and an end-of-course evaluation at D+1. A numbered training certificate that can be verified online for each participant; the company receives the training report, and the ABC analysis and replenishment parameters produced in the workshop.

Bilingual materials for every participant; each classroom course comes with its digital twin on OmniLearn.

Good to know

For the physical organisation of the store and the choice of a WMS, see “Warehousing, WMS and warehouse organisation”. An extract of your stock data before the session makes the workshop directly usable.

Practical information

Duration	2 days
Audience	Stock controllers, supply planners, buyers, logistics and supply chain managers
Prerequisites	Everyday use of a spreadsheet
Group size	Groups of 6 to 12 participants, in-company
Format	In-company, face to face on your site
Language	French, Darija or English; bilingual materials
Funding	OFPPT special training contracts (TFP), GIAC, Maroc PME: we prepare the applications with you, at no extra cost.
Programme customisation	Programme adapted to your procedures, your equipment and your audience

Frequently asked questions

Is particular software needed?

No. The calculations are done in a spreadsheet, from an extract of your ERP or management software. The parameters obtained can then be entered into your tool.

Is the course suitable for spare parts?

Yes. Spare parts have irregular consumption and high criticality; the course treats their classification and safety stock separately, because conventional methods apply poorly to them.

Can this course be funded?

It can be included in your training plan and fall under OFPPT special training contracts, according to the rules in force. We prepare the file with you; eligibility depends on the company's situation.