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COURSE BROCHURE

Factory Management Practices Training Course for Plant Leaders

9 – 13 May 2027
Cairo

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Registered in the United Kingdom and Saudi Arabia

Factory Management Practices Training Course for Plant Leaders

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Factory Management Practices Training Course for Plant Leaders is a 1-week training course for plant managers, production supervisors and operations heads, built around a Plant Leadership Rhythm Plan that links site targets to the actions of every crew and shift. Tighter delivery windows and a thinner pool of skilled operators mean daily leadership habits now decide output and morale. Jupiter Prime Training delivers this course on factory management practices.

Why Factory Management Practices Matter Now

Three forces press on plant leaders today. Customers expect shorter lead times and varied orders. Experienced operators are retiring faster than new starters can be trained. Owners and boards want visible proof that capital, materials and energy are used with care. A plant that manages these pressures well keeps promises to customers, holds on to its people and spends less on scrap and rework. A plant that handles them badly lives with firefighting, overtime and missed shipments.

Who Gains Most from Factory Management Practices

- Leaders accountable for the output, cost and safety of a whole site
- Supervisors who run shifts and turn schedules into crew work
- Heads of operations who set targets across several lines or plants
- Maintenance and engineering leads who balance machine uptime against production demand
- Production planners who match staffing, materials and capacity to customer orders

A site leadership group gains most when the plant manager, shift supervisors and planning lead attend together.

Factory Management Practices Capabilities

Participants practise the routines that connect a plant's yearly targets to what happens at each workstation during a shift.

- Design a tiered daily meeting cascade from line crews to the site leadership group — shift handover and escalation
- Build visual performance boards that show safety, quality, output and cost at a glance — crew-level decisions
- Assess the seven common forms of process waste on a production line — improvement priorities
- Calculate staffing needs from demand, cycle time and absence patterns — workforce planning and overtime
- Align site targets with line, shift and individual measures — the operations head and plant manager
- Communicate performance gaps and countermeasures clearly to crews and senior leaders — accountability conversations

Key Factory Management Practices Terms

- Tiered meeting cascade — short daily meetings where issues rise from crews to site leaders within hours.
- Visual performance board — a board at the line showing targets, actual results and open problems.
- Process waste — any activity that uses time, material or effort without adding value the customer would pay for.
- Takt time — the pace of production needed to meet customer demand.
- Skills matrix — a grid showing which operators are trained on which tasks.
- Target deployment — the practice of breaking site goals into linked measures for each line, shift and crew.

Factory Management Practices Day by Day

Day 1: The Plant in Its Wider Context

- Plant Performance Pillars — Balancing Safety, Quality, Delivery and Cost Choices
- Customer Demand Profile — Setting Realistic Output and Lead Time Expectations
- Material and Information Flow Walk — Seeing How Work Moves Through the Plant
- Leader Standard Routine — Deciding Where Supervisors Spend Each Hour
- Stakeholder Map for the Site — Owners, Customers, Crews and Suppliers

Day 2: Daily Routines and Visual Control

- Shift Start Briefing — Agreeing Priorities and Risks Before Work Begins
- Tiered Meeting Cascade — Escalating Line Problems Within the Same Day
- Visual Performance Board Layout — Choosing Measures Crews Can Influence
- Hour-by-Hour Output Chart — Spotting Lost Time While It Can Be Recovered
- Shift Handover Record — Passing On Open Issues Without Gaps

Day 3: Finding and Removing Waste

- Seven Forms of Process Waste — Ranking Losses by Cost and Effect
- Workplace Organisation Audit — Deciding What Stays at Each Station
- Changeover Time Study — Freeing Capacity Without New Equipment
- Root Cause Questioning — Separating Symptoms From Real Causes of Defects
- Countermeasure Tracking Sheet — Owning Actions Until Results Hold

Day 4: Workforce and Capacity Planning

- Takt Time and Cycle Time Comparison — Setting Crew Size for Each Line
- Skills Matrix Review — Planning Cross-Training and Absence Cover
- Overtime and Shift Pattern Analysis — Weighing Cost Against Fatigue Risk
- Target Deployment Tree — Linking Site Goals to Line and Crew Measures
- Supervisor Coaching Conversation — Building Ownership in Team Leaders

Day 5: Practising the Plant Leadership Rhythm Plan

- Board and Meeting Redesign — Applying Day Two Routines to Own Site
- Waste Priority List — Applying Day Three Findings to Current Losses
- Staffing Scenario — Applying Day Four Capacity Methods to Next Quarter
- Peer Challenge Session — Testing Plans Against Real Plant Constraints
- Plant Leadership Rhythm Plan — Completing Routines, Measures and Owners

Applying Factory Management Practices After the Course

- Launch a two-tier daily meeting with one revised visual performance board on a pilot line.
- Run a waste walk with the shift supervisors, rank the top three losses and assign countermeasure owners with review dates.

Factory Management Practices Questions FAQ

What are factory management practices and why do they matter now?

Factory management practices are the daily routines, visual controls and planning habits that turn site targets into steady output. They matter now because tight lead times and skills shortages leave little room for firefighting.

Which roles gain most from factory management practices training?

Plant managers, shift supervisors, operations heads, planners and maintenance leads gain most. Anyone who sets targets for a line will use the routines and boards covered.

How does factory management practices training differ from a general supervisory skills course?

It focuses on running a production site rather than on people skills alone. It connects leadership to takt time, waste removal, visual boards and staffing calculations inside a working plant.

What do you bring back from factory management practices training?

You bring back a Plant Leadership Rhythm Plan for your own site. It sets out your meeting cascade, board measures, priority waste list, staffing approach and routine owners.

Factory Management Practices: The Way Forward

The Plant Leadership Rhythm Plan first informs how the site's daily meetings and boards are arranged on the first line chosen to change. Plant managers use it to set expectations, supervisors to run shifts and planners to match staffing to demand. After its first month, it is worth revisiting which measures crews actually act on and which only fill the board.