

Project Supply Chain Planning and Control Training Course

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Overview

Project Supply Chain Planning and Control Training Course is a one-week intermediate course for project, procurement, contracts, logistics, engineering, and construction teams who leave with a Project Supply Chain Control Pack. It addresses late materials, disconnected schedules, unclear supplier obligations, weak interface control, and incomplete closeout through linked demand, sourcing, contract, logistics, risk, performance, and handover tools. Agile Leaders Training Center delivers this course on project supply chain planning and control.

Who Should Attend

- Teams responsible for project planning, controls, schedules, and delivery interfaces
- Functions responsible for procurement strategy, sourcing, tenders, and contracts
- Teams responsible for suppliers, expediting, logistics, materials, and warehouses
- Functions responsible for engineering, construction, commissioning, and handover
- Teams responsible for project cost, risk, change, quality, and performance reporting

The course assumes participants work with project requirements, schedules, procurement, suppliers, contracts, materials, or delivery records, and leaves out basic project management, legal advice, and software configuration.

Departments and Industries

The course supports project supply decisions across capital programmes, infrastructure, industrial operations, and service projects.

- Projects, programme management, engineering, construction, and commissioning
- Procurement, contracts, commercial, supply chain, and supplier management
- Logistics, materials control, warehousing, expediting, and transport
- Energy, utilities, manufacturing, mining, infrastructure, and real estate
- Healthcare, technology, aviation, public services, and professional services

Learning Objectives

By the end of this course, participants will be able to:

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- Build a project demand and supply baseline.
- Apply supply-market and procurement-planning tools.
- Use supplier, contract, and interface controls.
- Analyze material, logistics, schedule, and cost risks.
- Evaluate supply performance, changes, and recovery actions.
- Build a Project Supply Chain Control Pack.

Course Agenda

Day 1: Define Project Supply Requirements

- Project Scope-to-Supply Requirement Breakdown
- Demand, Quantity, Specification, and Need-Date Register
- Work Breakdown and Procurement Package Map
- Engineering, Procurement, and Construction Interface Matrix
- Project Supply Baseline and Responsibility Plan

Day 2: Plan Procurement and Supply Markets

- Supply-Market Structure and Capability Assessment
- Project Supply Positioning and Criticality Matrix
- Make-or-Buy and Packaging Decision Table
- Procurement Schedule and Long-Lead Item Plan
- Supplier Qualification and Evaluation Criteria Sheet

Day 3: Control Suppliers, Contracts, and Interfaces

- Supplier Deliverable and Contract Obligation Register
- Milestone, Payment, and Evidence Control Sheet
- Supplier Kick-Off and Communication Protocol
- Expediting, Inspection, and Release Status Tracker
- Interface Issue, Escalation, and Decision Log

Day 4: Manage Materials, Risk, and Change

- Materials Status, Shipment, Receipt, and Storage Register
- Supply Risk and Contingency Response Matrix
- Schedule Impact and Delivery Recovery Analysis
- Variation, Claim, and Supply Change Control Log
- Supplier KPI and Project Supply Dashboard

Day 5: Project Supply Practice and Closeout

- Exercise: Validate a Project Supply Baseline
- Exercise: Evaluate Suppliers and Contract Controls
- Exercise: Recover a Delayed Critical Delivery
- Exercise: Reconcile Materials, Variations, and Handover Evidence
- Capstone Exercise: Build the Project Supply Chain Control Pack

Practical Exercises

The course uses suggested activities to connect project requirements, procurement records, supplier evidence, physical materials, and delivery decisions.

- Suggested activity: convert a project schedule and bill of quantities into procurement packages and need dates.
- Suggested activity: assess a critical supplier using capability, risk, deliverables, milestones, and evidence.
- Suggested activity: recover a delayed long-lead item through options, impacts, owners, approvals, and communications.
- Suggested activity: close a supply package by reconciling materials, changes, claims, records, and handover obligations.

FAQs

Who is project supply chain management training designed for?

Project supply chain management training suits teams responsible for project requirements, procurement, contracts, suppliers, expediting, logistics, materials, controls, construction interfaces, and handover, and assumes practical exposure to project records.

How does project supply chain management differ from general procurement training?

Project supply chain management follows requirements and physical deliveries across the project schedule, linking procurement packages, supplier obligations, logistics, materials, interfaces, change, recovery, and closeout rather than focusing only on sourcing and purchasing.

What belongs in a Project Supply Chain Control Pack?

A Project Supply Chain Control Pack combines the supply baseline, package map, procurement schedule, supplier criteria, deliverable register, expediting tracker, materials register, risk matrix, change log, dashboard, and closeout evidence.

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How are long-lead items controlled in project supply chains?

Long-lead items are controlled through early identification, realistic need dates, supplier capability checks, milestone evidence, expediting, inspection, logistics planning, schedule-impact review, escalation, and approved recovery actions.

Conclusion

Participants take back a Project Supply Chain Control Pack. The pack connects project requirements, procurement packages, suppliers, contracts, logistics, materials, risks, changes, performance, and closeout evidence. It changes disconnected supply records into a lifecycle control system with owners, milestones, decisions, and review points.

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