Advanced Well P&A Cost Estimating and Control Training Course

9 – 13 May 2027
Johannesburg

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Ref: 1107_181745 **Date:** 9 – 13 May 2027 **Location:** Johannesburg **Fees:** 4500 Euro

Overview

Advanced Well P&A Cost Estimating and Control Training Course is a one-week course for oil and gas cost engineers, decommissioning project managers, finance partners and operations planners, who leave with a Well P&A Cost Assurance Pack. Participants build scope-based estimates, connect schedules with cost, model uncertainty, challenge contractor pricing and reconcile execution performance. The course treats technical scope as cost evidence while keeping engineering design outside its remit. Agile Leaders Training Center develops well P&A cost estimating and control capability.

Who Should Attend

- Cost engineering teams responsible for estimate development, benchmarking and change control
- Decommissioning teams responsible for well abandonment scope, campaign planning and delivery
- Finance teams responsible for asset retirement provisions, forecasts and cost assurance
- Contract and procurement teams responsible for bid analysis and commercial evaluation
- Operations planning teams responsible for rig, vessel, logistics and resource schedules

The course assumes participants can interpret cost estimates, work scopes and project schedules, and it leaves out barrier design, well-control engineering and legal advice.

Departments and Industries

The course supports departments and industries that plan, fund, contract and assure end-of-life well work.

- Oil and gas cost engineering, finance and project controls
- Drilling, wells, decommissioning and late-life asset operations
- Marine logistics, rig services and intervention contracting
- Energy investment, asset retirement and assurance functions
- Engineering consultancies and specialist supply-chain organizations

Learning Objectives

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

- Build a scope-based well P&A cost estimate
- Apply basis-of-estimate and work-breakdown controls
- Analyze rig, vessel, material and logistics cost drivers
- Evaluate contractor prices, uncertainty and contingency
- Use schedule-cost integration for campaign forecasting
- Diagnose variances and prioritize cost-assurance actions

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Course Agenda

Day 1: Scope and Estimate Architecture

- Well P&A Scope Definition Map
- Cost Estimate Classification and Purpose Matrix
- Work Breakdown Structure for Abandonment Operations
- Basis of Estimate Content Checklist
- Estimate Assumption and Exclusion Register

Day 2: Resource and Time Cost Build-Up

- Rig and Intervention Spread Rate Model
- Vessel, Marine and Port Cost Build-Up
- Material, Cement and Disposal Quantity Model
- Personnel, Logistics and Support Cost Sheet
- Time-Depth Cost Curve for Well Activities

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Day 3: Commercial Evaluation and Uncertainty

- Contractor Bid Normalization Matrix
- Rate, Productivity and Escalation Challenge Sheet
- Three-Point Estimate for Activity Duration
- Cost Risk and Opportunity Register
- Contingency Allocation and Confidence Range Model

Day 4: Campaign Control and Liability Evidence

- Multi-Well Campaign Sequencing Model
- Schedule-Cost Integrated Forecast
- Estimate Benchmark and Normalization Dashboard
- Asset Retirement Liability Evidence File
- Cost Change, Commitment and Variance Bridge

Day 5: Well P&A Cost Assurance Practice

- Exercise: Validate a Basis of Estimate
- Exercise: Rebuild Rig and Vessel Cost Exposure
- Exercise: Challenge Contractor Price and Contingency
- Exercise: Reforecast a Delayed Abandonment Campaign
- Capstone Exercise: Well P&A Cost Assurance Pack

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Practical Exercises

The course uses suggested activities to convert abandonment scope, duration and commercial evidence into controlled cost decisions.

- Suggested activity: map estimate ownership and cost boundaries for an offshore well campaign
- Suggested activity: normalize competing rig and intervention bids against a common scope
- Suggested activity: model duration uncertainty and allocate contingency to named risks
- Suggested activity: present a cost variance, liability and recovery recommendation

FAQs

Who suits advanced well P&A cost estimating training, and what does it assume?

Cost engineers, decommissioning managers, finance partners, asset retirement specialists and planners suit the training. It assumes working familiarity with estimates, scopes and schedules.

How does well P&A cost estimating differ from technical well abandonment training?

Well P&A cost estimating converts an approved technical scope into resource, duration, contract, uncertainty and liability evidence; technical training concentrates on barrier design, well integrity and execution methods.

What drives well P&A cost estimate uncertainty?

Well condition, scope maturity, activity duration, rig or vessel availability, contractor rates, logistics, weather exposure, failed operations and regulatory obligations drive estimate uncertainty.

How should contingency be used in a well P&A cost estimate?

Contingency should reflect identified uncertainty and risk exposure, remain traceable to estimate assumptions, and be reviewed as scope, schedule and commercial evidence mature.

How can well P&A campaign costs be controlled during execution?

Campaign costs are controlled by linking progress with commitments, actual cost, remaining duration, approved changes, risk movement and forecast-at-completion evidence.

Conclusion

Participants take back a Well P&A Cost Assurance Pack containing the estimate structure, basis, rate models, risk register, confidence range, campaign forecast and variance bridge. The pack makes cost exposure and assumptions traceable. It supports estimate approval, contractor challenge, liability evidence, execution forecasting and management decisions.