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COURSE BROCHURE

Production Site Dismantling and Land Restoration Training Course

8 – 12 November 2027
Madrid

Production Site Dismantling and Land Restoration Training Course

Ref: 2067_76143 **Date:** 8 – 12 November 2027 **Location:** Madrid **Fees:** 6200 GBP

Production Site Dismantling and Land Restoration is a 1-week training course for asset retirement, facilities and environmental engineers who plan the end of life of onshore production areas, and it builds a site retirement and restoration dossier. As fields mature, organisations face growing pressure to remove idle plant safely, route every waste stream responsibly and return land in a usable condition. Jupiter Prime Training delivers this course on Production Site Dismantling and Land Restoration.

Why Production Site Dismantling and Land Restoration Matters Now

Two forces shape this work today. Ageing gathering stations, tank farms and flowlines are reaching the point where holding them idle costs more than removing them. Landowners, local communities and environmental authorities expect clear evidence that soil and groundwater are clean before land changes hands. Sound sequencing recovers salvage value and avoids legacy contamination claims; improvisation leaves open liabilities. The course rests on the waste hierarchy, the source–pathway–receptor model and risk-based land quality assessment.

Who Gains Most from Production Site Dismantling and Land Restoration

- Engineers who own the retirement scope and cost estimate for surface facilities
- Facilities specialists responsible for isolation, cleaning and safe demolition of process plant
- Environmental engineers who characterise soil and groundwater and select remediation methods
- Waste and materials coordinators who classify, track and route recovered equipment and residues
- Land and permitting leads who agree end-use criteria and handover terms with owners

Asset retirement teams that send their facilities, environmental and land specialists together gain most.

Production Site Dismantling and Land Restoration Capabilities

Participants move from an idle production area to a restored, documented plot ready for its next use.

- Design a dismantling sequence from isolation through demolition and removal — site superintendent and contractor
- Classify recovered materials and residues by hazard and recovery potential — waste routing decision
- Assess contaminated land with a conceptual site model — remediation scope and budget
- Weigh excavation, bioremediation and containment options against end use — landowner and environmental authority

- Specify restoration and verification criteria for handover — land release and liability closure
- Communicate retirement cost, risk and schedule clearly — asset owner and finance function

Key Production Site Dismantling and Land Restoration Terms

- Asset retirement obligation — the recognised future cost of removing facilities and restoring land at the end of a field's life.
- Cold and dark — the state of a facility once fully isolated, depressurised, drained and cleaned, ready for safe dismantling.
- Naturally occurring radioactive material NORM — scale and sludge in production equipment carrying low-level radioactivity that needs controlled handling and disposal.
- Conceptual site model — a description of contamination sources, migration pathways and receptors used to judge land risk.
- Waste hierarchy — the order of preference for materials: reuse, recycling, recovery and, last, disposal.
- Verification sampling — testing after remediation that proves soil and groundwater meet the agreed end-use criteria.

Production Site Dismantling and Land Restoration Day by Day

Day 1: Retirement Context and Scope

- Asset Retirement Obligation Estimate — Timing and Funding of Removal
- Facility Inventory and Condition Survey — What Stays, Moves or Goes
- End-Use Options for Released Land — Restoration Target Selection
- Stakeholder Map of Owners and Authorities — Consultation and Consent Path
- Retirement Risk Register for Surface Plant — Early Hazard Priorities

Day 2: Isolation and Dismantling Sequence

- Cold and Dark Isolation Plan — Safe Start of Dismantling
- Vessel and Pipework Cleaning Methods — Residue Removal Before Cutting
- Demolition Method Selection — Cutting, Lifting or Controlled Collapse
- Dismantling Sequence and Work Packs — Contractor Interfaces and Permits
- Salvage and Reuse Screening — Value Recovery from Equipment

Day 3: Waste and Material Disposal Routes

- Waste Classification by Hazard Class — Choice of Treatment Route
- NORM Survey and Handling Controls — Worker Protection and Disposal
- Waste Hierarchy Applied to Scrap and Residues — Recycling Versus Landfill
- Chain-of-Custody Tracking Records — Proof of Lawful Disposal
- Hydrocarbon Sludge and Produced Water Pits — Closure Method Choice

Day 4: Contaminated Land Remediation

- Phased Site Investigation and Sampling Grid — Extent of Contamination
- Conceptual Site Model Building — Source, Pathway and Receptor Links
- Risk-Based Remediation Criteria — Clean-Up Levels Matched to End Use
- Remediation Technology Screening — Excavation, Bioremediation or Containment
- Groundwater Monitoring Network Design — Long-Term Plume Assurance

Day 5: Practising the Site Retirement and Restoration Dossier

- Restoration Earthworks and Revegetation Plan — Landform and Habitat Return
- Verification Sampling Protocol — Evidence for Land Release
- Integrated Dismantling and Waste Schedule — Sequencing From Days Two and Three
- Remediation Option Business Case — Cost and Risk From Day Four
- Site Retirement and Restoration Dossier — Complete Handover Package

Applying Production Site Dismantling and Land Restoration After the Course

- Lead a condition survey and end-use screening for one idle station, building its first retirement estimate.
- Build a conceptual site model for a former pit or tank area and use it to scope a phased investigation.

Production Site Dismantling and Land Restoration Questions FAQ

What is production site dismantling and land restoration, and why does it matter now?

It is the planned removal of surface production plant, safe routing of its waste and the return of the land to a usable state. It matters now because many facilities are reaching end of life and owners expect clean, documented land.

Which roles gain most from production site dismantling and land restoration?

Engineers who estimate retirement costs, facilities specialists who isolate and demolish plant, environmental engineers who assess soil and groundwater, and waste and land coordinators gain most.

How does production site dismantling and land restoration differ from a well abandonment course?

It covers what happens above ground once wells are plugged. Well abandonment courses focus on downhole barriers; this one covers plant removal, waste, remediation and land handover.

What do you bring back from production site dismantling and land restoration?

You bring back a structured retirement and restoration package for a real or sample site that your organisation can adapt directly.

Production Site Dismantling and Land Restoration: The Way Forward

The site retirement and restoration dossier first informs whether an idle station is removed now or held, and which remediation option fits its end use. Asset owners, contractors and environmental specialists use it to align scope and budget. After its first use, revisit the waste routing assumptions and verification criteria, since disposal capacity and owner expectations change over time.