Cold and Dark Decommissioning of Oil & Gas Power Plants

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Istanbul (Turkey)



Cold and Dark Decommissioning of Oil & Gas Power Plants

Ref: 20222968_229401 Duration: Istanbul (Turkey) Fees: 4900 GBP

Course Description

This comprehensive 1-week course provides in-depth training on the cold and dark decommissioning process for oil and gas-fired power plants. Participants will learn best practices for planning, environmental management, technical procedures, and regulatory compliance throughout the decommissioning lifecycle. The course combines theoretical knowledge with practical case studies to ensure a well-rounded understanding of this complex process.

Learning Objectives

- Develop a comprehensive decommissioning strategy and project plan
- Understand environmental remediation requirements and techniques
- Master technical procedures for safely shutting down and dismantling plant systems
- Navigate regulatory frameworks and ensure compliance throughout the process
- Assess and mitigate risks associated with decommissioning activities
- Optimize resource allocation and cost management for decommissioning projects

Course Modules

Day 1: Introduction and Planning

- Overview of cold and dark decommissioning process
- Regulatory landscape and compliance requirements
- Site assessment and characterization
- Developing a comprehensive decommissioning strategy
- Stakeholder engagement and communication planning

Day 2: Environmental Management

- Environmental impact assessment
- Hazardous materials identification and management
- Soil and groundwater remediation techniques
- Waste management and disposal strategies
- Environmental monitoring and reporting



Day 3: Technical Decommissioning Procedures

- Plant shutdown and isolation procedures
- Decontamination of equipment and structures
- Dismantling and removal of major components
- Management of utilities and auxiliary systems
- Site security and access control during decommissioning

Day 4: Safety and Risk Management

- Occupational health and safety considerations
- Risk assessment and mitigation strategies
- Emergency response planning
- Contractor management and oversight
- Quality assurance and quality control procedures

Day 5: Project Management and Closure

- Cost estimation and budgeting
- Schedule development and critical path analysis
- Resource allocation and optimization
- Documentation and record-keeping requirements
- Site closure and handover procedures

Practical Wins for Participants

- Ability to develop a comprehensive decommissioning plan tailored to specific site conditions
- Enhanced skills in managing environmental risks and ensuring regulatory compliance
- Improved capacity to oversee technical decommissioning procedures safely and efficiently
- Strengthened project management capabilities for complex decommissioning projects

