

Course No. 1590

Oil & Gas Facilities Management Training Course

MANAGEMENT, LEADERSHIP & DIGITAL TRANSFORMATION
OIL & GAS

DURATION

5 Days

DELIVERY

Classroom



Course Overview

Oil & Gas Facilities Management Training Course is a specialized professional program designed to develop the capabilities required to manage, operate, maintain, and continuously improve facilities across the oil and gas industry. The course provides an integrated understanding of facilities management within complex operational environments, with emphasis on asset performance, reliability, maintenance, safety, operational efficiency, cost control, service quality, and business continuity.

Oil and gas facilities depend on the coordinated performance of buildings, production support systems, utilities, infrastructure, equipment, maintenance services, contractors, and technical resources. Effective facilities management therefore requires more than routine maintenance or property administration. It requires structured planning, risk-based decision-making, lifecycle thinking, performance monitoring, resource optimization, and close coordination between facilities, operations, engineering, maintenance, HSE, procurement, and management teams.

This Oil & Gas Facilities Management Training Course examines the full facilities management lifecycle, from strategic planning and facility requirements through operations, maintenance, asset management, energy management, contractor management, emergency preparedness, and performance improvement. Participants will explore practical approaches for managing critical facilities while maintaining operational reliability, safety, regulatory compliance, service continuity, and cost effectiveness.

The course also addresses the specific challenges of facilities operating in oil and gas environments, including remote sites, production support facilities, processing plants, terminals, storage areas, workshops, warehouses, administrative buildings, accommodation facilities, utilities, and other infrastructure. Participants will learn how to establish effective facilities management systems that support operational priorities and organizational objectives.

Through practical exercises, case-based discussions, performance analysis, and workplace-oriented applications, participants will develop the ability to assess facility performance, prioritize maintenance and improvement activities, manage service providers, monitor key performance indicators, optimize resources, and establish continuous improvement initiatives. The course is suitable for organizations seeking to strengthen the strategic and operational contribution of facilities management to overall business performance.

Objectives

- Analyze the principles, functions, and strategic role of facilities management within oil and gas organizations and complex operational environments.
- Develop structured facilities management strategies aligned with organizational objectives, operational requirements, asset priorities, and service expectations.
- Evaluate the condition, criticality, performance, and lifecycle requirements of facilities, infrastructure, utilities, and supporting assets.
- Apply effective facilities planning and maintenance management practices to improve reliability, availability, safety, and service continuity.
- Design practical approaches for managing facility operations, technical services, support services, and workplace infrastructure.
- Improve facilities performance through appropriate KPIs, service-level measures, inspections, audits, and performance reviews.
- Assess energy, utilities, resource consumption, and operational efficiency opportunities within oil and gas facilities.
- Strengthen contractor and service-provider management through effective scope definition, performance requirements, monitoring, and evaluation.
- Implement risk-based approaches to facility maintenance, operational continuity, emergency preparedness, and critical service management.
- Align facilities management with asset management, HSE, procurement, business continuity, sustainability, and organizational risk management.
- Develop practical cost-control and lifecycle management approaches that support informed facilities investment and operational decisions.
- Establish a continuous improvement framework for enhancing facilities performance, service quality, reliability, and organizational value.

Who Should Attend

This course is designed for Facilities Managers, Facilities Directors, Facility Engineers, Operations Managers, Maintenance Managers, Engineering Managers, Asset Managers, Property and Infrastructure Managers, Technical Services Managers, and professionals responsible for the operation and performance of oil and gas facilities. It is also relevant to professionals responsible for utilities, buildings, infrastructure, accommodation, workshops, warehouses, site services, and other facility-related functions.

The program is particularly suitable for maintenance engineers, reliability professionals, HSE specialists, procurement and contract managers, project managers, energy and utilities professionals, workplace services teams, operations supervisors, and technical support personnel who interact with facilities management functions. Professionals working in production facilities, processing plants, refineries, gas plants, terminals, storage facilities, offshore installations, onshore sites, and corporate support facilities can apply the concepts directly to their operational environments.

Executives, department heads, senior managers, and decision makers involved in facilities strategy, capital planning, operational expenditure, asset performance, service delivery, risk management, and business continuity will also benefit from the course. The program provides a management-level perspective while maintaining sufficient technical and practical depth for specialists and operational professionals.

Learning Outcomes

- Explain the strategic and operational role of facilities management within the oil and gas industry.
- Develop a structured facilities management framework covering planning, operations, maintenance, services, performance, and continuous improvement.
- Assess the condition, criticality, utilization, and performance requirements of facility assets and infrastructure.
- Develop effective maintenance strategies for buildings, utilities, infrastructure, and facility support systems.
- Prioritize facilities maintenance and improvement activities according to asset criticality, operational impact, risk, and available resources.
- Establish relevant facilities management KPIs and performance dashboards for monitoring service quality and operational effectiveness.
- Evaluate contractor and outsourced service performance using clearly defined scopes, service levels, performance indicators, and review mechanisms.
- Identify opportunities to improve energy efficiency, utilities management, resource utilization, and operational cost control.
- Integrate facilities management with asset management, HSE, risk management, procurement, emergency preparedness, and business continuity.
- Assess facility risks and develop appropriate mitigation, contingency, and continuity measures for critical services.
- Improve lifecycle planning and decision-making for facility assets, infrastructure, systems, and

supporting services.

- Prepare a practical facilities management improvement plan aligned with organizational priorities and operational requirements.

Course Outline

DAY 01

Strategic Foundations of Oil & Gas Facilities Management

- Principles, scope, and strategic role of facilities management
- Facilities management operating models in the oil and gas industry
- Facility lifecycle management from planning and design through operation, maintenance, renewal, and replacement
- Classification and criticality of oil and gas facilities, infrastructure, utilities, and support services
- Relationship between facilities management, operations, maintenance, asset management, HSE, and business continuity
- Roles, responsibilities, governance structures, and interfaces between facilities and other departments

PRACTICAL APPLICATION

Developing a facilities management framework for a representative oil and gas organization

DAY 02

Facilities Operations, Maintenance, and Asset Performance

- Planning and management of day-to-day facility operations
- Maintenance strategies for buildings, infrastructure, utilities, and facility support systems
- Preventive, predictive, corrective, and condition-based maintenance approaches
- Asset criticality, reliability, availability, maintainability, and lifecycle considerations
- Managing electrical, mechanical, HVAC, water, power, fire protection, and other facility systems
- Maintenance planning, work prioritization, backlog management, and resource allocation
- Inspection, condition assessment, defect management, and facility performance reviews

DAY 02 — CONTINUED

PRACTICAL APPLICATION

Developing a risk-based maintenance and facility performance plan

DAY 03**Facilities Services, Contractors, and Resource Optimization**

- Management of technical and non-technical facilities services
- Contractor and service-provider management in oil and gas environments
- Scope of work development, service-level requirements, performance expectations, and accountability
- Contractor performance monitoring, inspections, audits, and review meetings
- Procurement coordination and contract performance management
- Workforce planning, resource allocation, materials, spare parts, and service support
- Energy management, utilities optimization, and resource efficiency
- Cost control, operating expenditure management, and lifecycle cost considerations

PRACTICAL APPLICATION

Designing a contractor performance framework and facilities service improvement plan

DAY 04**Facilities Risk, Safety, Emergency Preparedness, and Business Continuity**

- Identification and assessment of operational and facility-related risks
- Facility safety, emergency preparedness, fire protection, and critical service management
- Risks associated with utility failures, equipment breakdowns, infrastructure disruption, and facility incidents
- Integration of facilities management with HSE and operational risk management
- Business continuity and resilience of critical oil and gas facilities
- Emergency response, recovery planning, and restoration of essential facility services

DAY 04 — CONTINUED

- Managing facility changes, modifications, projects, and operational transitions

PRACTICAL APPLICATION

Scenario-based assessment of a critical facility disruption and development of response priorities

DAY 05

Performance Management, Governance, and Continuous Improvement

- Facilities management KPIs, service-level indicators, and performance measurement
- Facility inspections, audits, compliance monitoring, and management reporting
- Developing facilities management dashboards for operational and executive decision-making
- Lifecycle planning, capital improvement priorities, renewal strategies, and investment considerations
- Benchmarking facility performance and identifying improvement opportunities
- Integrating facilities management with organizational strategy, sustainability, asset management, and business objectives
- Developing a continuous improvement culture across facilities operations and service delivery

FINAL WORKSHOP

Developing a comprehensive Oil & Gas Facilities Management improvement plan with priorities, KPIs, responsibilities, and a 90-day implementation roadmap

Register or Request More Information

Course page: <https://quest-training.com/courses/oil-gas-facilities-management-training-course>

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