



MICROSOFT TRAINING

Understanding Developing Maintaining Oil Gas Quality Management Systems Course

Master oil & gas quality management systems. Develop, implement, and maintain robust QMS for operational excellence and compliance.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course, "Understanding, Developing, and Maintaining Oil & Gas Quality Management Systems," provides a comprehensive overview of the essential principles and practices required to establish and uphold robust quality standards within the demanding oil and gas industry. Participants will delve into international quality standards, regulatory frameworks, and best practices specific to this sector, gaining critical insights into how effective Quality Management Systems (QMS) contribute to operational excellence, safety, and compliance. The curriculum covers foundational concepts from initial QMS design to continuous improvement strategies, ensuring a holistic understanding of the quality lifecycle. Professionally, mastering the intricacies of QMS in oil and gas is invaluable. This course empowers individuals to actively participate in or lead initiatives that enhance product and service quality, minimize risks, reduce operational costs, and foster a culture of continuous improvement. By understanding how to develop and maintain compliant and efficient QMS, participants will be better equipped to drive organizational success, meet stakeholder expectations, and contribute to the industry's stringent safety and environmental mandates. This specialized knowledge is a significant asset for career advancement in a sector where quality assurance is paramount.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Fundamentals of Oil & Gas Quality Management Systems

- Introduction to QMS in the O&G Industry
- Overview of ISO 9001 and API Q1/Q2 Standards
- Regulatory Frameworks and Compliance Requirements
- The Importance of Quality Culture and Leadership

02 Module 2: Developing a Quality Management System

- QMS Planning and Scope Definition
- Documentation Control and Record Management
- Process Mapping and Procedure Development
- Risk-Based Thinking in QMS Design

03 Module 3: Implementing Operational Quality Controls

- Control of Nonconforming Outputs
- Inspection and Testing Methodologies
- Procurement and Supplier Quality Management
- Equipment Calibration and Maintenance Protocols

04 Module 4: QMS Performance, Monitoring & Improvement

- Key Performance Indicators (KPIs) for QMS
- Data Analysis and Statistical Process Control
- Root Cause Analysis and Corrective Actions
- Continuous Improvement Initiatives (e.g., Lean, Six Sigma principles)

05 Module 5: QMS Auditing and Management Review

- Internal Auditing Techniques and Best Practices
- Nonconformity Management and Follow-up

- Preparing for External Audits and Certification
- Management Review Processes and Decision Making

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Oil & Gas Quality Assurance Specialist**
- > **HSE & Quality Compliance Coordinator**
- > **Process Improvement Analyst (Oil & Gas Sector)**

FREQUENTLY ASKED QUESTIONS

Q: What specific industry standards will this course primarily focus on for Oil & Gas Quality Management Systems?

This course provides a strong foundation in the principles of ISO 9001, the international standard for quality management. Additionally, it will introduce participants to key aspects and requirements of industry-specific standards such as API Q1 and API Q2, which are crucial for quality management in the petroleum and natural gas industries, ensuring a comprehensive understanding of both generic and specialized QMS frameworks.

Q: How will this course specifically help me ensure compliance with the evolving regulatory landscape in the Oil & Gas sector?

The course dedicates modules to understanding regulatory frameworks and compliance requirements pertinent to the Oil & Gas industry. You will learn methodologies for interpreting, implementing, and monitoring adherence to these regulations within a QMS framework, including documentation control and audit preparation. This knowledge will equip you to proactively identify potential compliance gaps and implement corrective measures, significantly strengthening your organization's regulatory standing.

Q: What prior knowledge or professional experience is recommended to get the most out of this intermediate-level QMS course?

While this course is designed to be accessible, participants will benefit most from having a basic understanding of general quality principles or prior experience within the oil and gas sector. Familiarity with operational processes or safety protocols in the industry would be advantageous. No specific technical QMS certification is required, but a foundational grasp of business processes and a desire to improve quality systems will enhance your learning experience.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading

technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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