



Training Course:
ISO 29001: Quality Management Systems for the
Petroleum, Petrochemical & Natural Gas

Industries

12 - 16 October 2026

Cape Town (South Africa)

DoubleTree by Hilton Cape Town - Upper Eastside

Training Course: ISO 29001: Quality Management Systems for the Petroleum, Petrochemical & Natural Gas Industries

Training Course code: EN236584 From: 12 - 16 October 2026 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 7500 € Euro

Introduction

The ISO 29001: Quality Management Systems for the Petroleum, Petrochemical & Natural Gas Industries training program is designed by Global Horizon Training Center to provide professionals with a comprehensive understanding of the quality management principles and requirements established by ISO 29001 for organizations operating within the petroleum, petrochemical, and natural gas sectors.

This program focuses on developing participants' knowledge of quality management frameworks that support operational consistency, customer satisfaction, product and service quality, supply chain reliability, and continual improvement. Participants will gain a clear understanding of the standard's requirements, organizational responsibilities, operational controls, performance evaluation, and quality management best practices applicable throughout the energy industry.

By attending this program, participants will strengthen their ability to support an effective Quality Management System QMS, enhance organizational performance, improve process effectiveness, and contribute to achieving sustainable operational excellence.

Objectives

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

- Understand the purpose, structure, and principles of ISO 29001.
- Explain the quality management requirements applicable to the petroleum, petrochemical, and natural gas industries.
- Understand the roles and responsibilities within an effective Quality Management System.
- Identify organizational context and quality management planning requirements.
- Recognize the importance of leadership in achieving quality objectives.
- Understand operational planning and quality control requirements.
- Explain supplier and externally provided process management requirements.
- Understand methods for monitoring, measuring, and evaluating quality performance.
- Recognize approaches for managing nonconformities and continual improvement.
- Contribute to strengthening quality performance across organizational operations.

Course Methodology

The program is delivered through:

- Instructor-led presentations

- Interactive lectures
- Professional discussions
- Industry examples
- Review of ISO 29001 requirements
- Case illustrations
- Question and answer sessions

Organizational Impact

Upon completion of this program, organizations will be able to:

- Strengthen quality management practices across operational activities.
- Improve consistency in products and service delivery.
- Enhance customer confidence and stakeholder satisfaction.
- Improve supplier quality management and supply chain performance.
- Reduce operational and quality-related risks.
- Improve compliance with internationally recognized quality management practices.
- Support continual improvement across business processes.
- Improve organizational efficiency and operational effectiveness.
- Strengthen process monitoring and performance evaluation.
- Promote a culture of quality and continuous organizational development.

Target Audience

This program is designed for:

- Quality Managers
- QA/QC Managers
- QA/QC Engineers
- Operations Managers
- Production Managers
- Process Engineers
- Project Managers
- Supply Chain Managers
- Procurement Professionals
- Vendor Quality Professionals
- Compliance Officers
- Internal Auditors
- Continuous Improvement Professionals
- Professionals working in the petroleum, petrochemical, and natural gas industries

Outline

Day 1: Fundamentals of ISO 29001

- Introduction to ISO 29001
- Quality Management System principles
- Relationship between ISO 29001 and ISO 9001
- Scope and application of ISO 29001
- Benefits of quality management in the energy sector
- Key terminology and concepts

Day 2: Leadership and Quality Management Planning

- Organizational context
- Interested parties and their requirements
- Leadership and commitment
- Quality policy and quality objectives
- Roles, responsibilities, and authorities
- Planning for quality management

Day 3: Operational Management and Support Processes

- Resource management
- Competence and awareness
- Organizational communication
- Documented information
- Operational planning and control
- Supplier and externally provided process management

Day 4: Performance Evaluation and Operational Control

- Monitoring and measurement
- Performance evaluation
- Customer satisfaction
- Quality performance indicators
- Internal audit requirements
- Control of nonconforming outputs

Day 5: Continual Improvement and Quality Excellence

- Nonconformity and corrective action
- Continual improvement principles
- Management review

- Quality performance analysis
- Best practices in quality management within the petroleum, petrochemical, and natural gas industries
- Sustaining an effective Quality Management System.

Registration form on the Training Course: ISO 29001: Quality Management Systems for the Petroleum, Petrochemical & Natural Gas Industries

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng):
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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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