



QUALITY, ISO STANDARDS AND AUDITING

Quality Management for Oil and Gas Supply Chains

5 day course

Classroom, online or in-house

Course overview

A valve that leaks on a wellhead because a subcontractor skipped a heat treatment record was a supply chain failure first. This course applies the sector requirements of ISO 29001 and API Spec Q1 to businesses that design, make and service equipment for upstream and midstream operators. Delegates work through contract review and the customer specific requirements typical of operator purchase orders, risk based planning, management of change, control of outsourced processes and critical purchases, traceability and material test reports, maintenance of production equipment and the handling of nonconforming product found after delivery. Local content rules in Nigeria, Ghana and elsewhere push more of this work to regional fabricators, which the course addresses. Delegates leave able to close the gaps between a general quality system and what oil and gas customers expect to see.

What you will learn

- Interpret the sector specific requirements of ISO 29001 and API Spec Q1
- Apply contract review to operator purchase orders and specifications
- Plan risk based controls for critical products and services
- Control outsourced processes and critical purchases through the subcontractor tier
- Maintain traceability from mill test record to installed component
- Implement management of change for design, process and personnel changes
- Handle nonconforming product detected after delivery to the customer
- Evaluate the gaps between an existing quality system and sector expectations

Who should attend

- Quality managers at equipment manufacturers and fabricators
- Quality engineers at oilfield service companies
- Supply chain and procurement managers in oil and gas
- Operator staff who assess vendors
- Owners of local content suppliers entering the sector

Course outline

- 01 Sector expectations beyond a general quality system
- 02 Contract review and customer specific requirements
- 03 Risk based planning and contingency
- 04 Management of change
- 05 Outsourced processes and critical purchases
- 06 Traceability and material test reports
- 07 Production equipment and process control
- 08 Nonconforming product after delivery
- 09 Gap assessment for a regional supplier

Upcoming dates



Dates	Venue	Format	Fee per delegate
12 to 16 October 2026	Harare, Zimbabwe	Classroom	USD 1,325
26 to 30 October 2026	Online	Online	R8,500
2 to 6 November 2026	Accra, Ghana	Classroom	USD 1,325
7 to 11 December 2026	Port Louis, Mauritius	Classroom	USD 1,325

Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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