

API Q1 LEAD AUDITOR TRAINING COURSE

“Master Auditing Skills for API Q1 Quality Management Systems”

Schedule

Date	Venue	Fees (Face-to-Face)
17 - 19 May 2026	Manama, Bahrain	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Auditing plays a crucial role in ensuring that organizations comply with quality management standards and continuously improve operational processes. The API Q1 standard specifies requirements for a quality management system in the petroleum, petrochemical, and natural gas industries. This intensive 3-day training equips participants with the knowledge and practical skills to conduct API Q1 audits as a lead auditor.

The course covers audit planning, execution, reporting, and follow-up, aligned with ISO 19011 auditing principles. Through workshops, case studies, and interactive exercises, participants will learn how to assess compliance with API Q1 requirements, identify non-conformities, and drive continuous improvement in quality management systems.

Objectives

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

- Understand API Q1 standard requirements and quality management principles
- Plan, conduct, and report API Q1 audits effectively
- Apply ISO 19011 auditing principles and techniques
- Identify and document non-conformities and areas for improvement
- Communicate audit findings to management and stakeholders
- Implement follow-up actions to ensure corrective measures are effective
- Strengthen organizational compliance and quality performance

Why Attend

- Gain comprehensive knowledge of API Q1 and auditing practices
- Develop professional lead auditor skills for petroleum and petrochemical industries
- Enhance the ability to ensure compliance and continuous improvement
- Learn from real-world case studies and practical workshops
- Strengthen credibility and effectiveness as a quality auditor

Target Audience

This program is designed for:

- Quality managers and engineers in oil, gas, and petrochemical industries
- Internal auditors and compliance officers
- Lead auditors seeking API Q1 certification preparation
- Operations and process managers responsible for quality systems
- Professionals involved in quality assurance and control functions

Individual Benefits

Key competencies that will be developed include:

- Knowledge of API Q1 standard and quality management requirements
- Skills in planning, conducting, and reporting audits
- Competence in identifying non-conformities and corrective actions
- Ability to implement audit follow-up and improvement strategies
- Enhanced professional credibility in auditing and quality management
- Practical experience in audit exercises and workshops

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved compliance with API Q1 quality management requirements
- Enhanced audit effectiveness and organizational oversight
- Identification and mitigation of quality risks
- Strengthened continuous improvement processes
- Increased confidence in quality system performance
- Alignment of organizational practices with international quality standards

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Overview of API Q1 requirements and audit principles
- Case Studies – Real-world audit scenarios and lessons learned
- Workshops – Hands-on exercises in audit planning, execution, and reporting
- Peer Exchange – Group discussions on auditing challenges and best practices
- Tools – Audit checklists, templates, reporting guidelines, and corrective action plans

Course Outline

Detailed 3-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to API Q1 and Auditing Principles

Module 1: Overview of API Q1 Standard (07:30 – 09:30)

- API Q1 requirements and quality management principles
- Key processes and documentation in petroleum and petrochemical industries

Module 2: Auditing Fundamentals (09:45 – 11:15)

- ISO 19011 auditing principles
- Roles and responsibilities of a lead auditor

Module 3: Audit Planning and Preparation (11:30 – 01:00)

- Preparing audit plans and checklists
- Scheduling and resource allocation

Day 2: Conducting API Q1 Audits

Module 4: Audit Execution Techniques (07:30 – 09:30)

- Conducting opening meetings and interviews
- Gathering objective evidence and evaluating compliance

Module 5: Identifying Non-Conformities (09:45 – 11:15)

- Techniques for detecting gaps and deviations
- Documentation and categorization of non-conformities

Module 6: Workshop: Simulated Audit Exercises (11:30 – 01:00)

- Practical auditing scenarios
- Group exercises to apply audit techniques

Day 3: Reporting, Follow-Up, and Improvement

Module 7: Audit Reporting and Communication (07:30 – 09:30)

- Writing clear and actionable audit reports
- Communicating findings to management and stakeholders

Module 8: Corrective Actions and Follow-Up (09:45 – 11:15)

- Implementing and monitoring corrective measures
- Ensuring closure of non-conformities

Module 9: Case Studies and Action Planning (11:30 – 01:00)

- Real-world examples of successful audits
- Developing action plans for continuous improvement

Certification

Participants will receive a Certificate of Completion in API Q1 Lead Auditor Training, validating their expertise in auditing API Q1 quality management systems and demonstrating readiness to lead audits and ensure compliance within petroleum, petrochemical, and natural gas organizations.

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