

## **OVERVIEW**

This course teaches the stringent requirements of the API Specification Q2 and provides attendees with a firm understanding of what is required to implement a Quality Management System (QMS) based on API Spec Q2 and achieve certification. This course encompasses an overview of each of the requirements of the specification and incorporates “Think-About-It” questions, Practical Application Activities, workshops, and group discussions, we help attendees develop a hands-on understanding that will facilitate the successful implementation of a best in class Quality Management System.

**The API Specification Q2 Fundamentals course is approved by API University.**

## **TARGET AUDIENCE**

This course is intended for employees or individuals tasked with implementing a Quality Management System based on API Specification Q2, or those who want to learn and understand the requirements:

- Oil and Gas Industry service providers
- Oil and Gas Industry operators
- Auditors

## **LEARNING OBJECTIVES**

- Have a basic knowledge of the background and intent of API Specification Q2.
- Explain the fundamental concepts and goals of API.
- Explain all the requirements of API Specification Q2, including Risk Assessment, Management of Change, Contingency Planning, and Preventive Maintenance.
- Explain the steps involved in the API Specification Q2 registration process.

## **PREREQUISITES**

Suggested prerequisites for this training include: Knowledge of API Specification Q1, 9th Edition.

## **COURSE MATERIALS**

Students receive comprehensive course manuals with reference materials, including:

- Presentation information
- API Specification Q2
- Sample Service Quality Plan
- Workshop Case Studies

## **LANGUAGE**

This course is taught in English. For information on a similar course in Spanish, please contact Mireaux office at 713-589-4680.

## SUMMARY AGENDA

The topics in this course include:

- **Importance of API Spec Q2 to the Industry**
- **Overview and Exclusions**
- **Quality Management System Requirements**
- **Clause 4: Quality Management Systems Requirements**
  - ✓ Quality Management System General
  - ✓ Management Responsibility
  - ✓ Organization Capability
  - ✓ Control of Records
- **Clause 5: Realization of Service and Service-related Product**
  - ✓ Contract Review
  - ✓ Planning
  - ✓ Risk Assessment and Management
  - ✓ Design and Development
  - ✓ Contingency Planning
  - ✓ Purchasing
  - ✓ Execution of Service
  - ✓ Control of Testing, Measuring, and Monitoring and Detection Equipment
  - ✓ Service Performance Validation
  - ✓ Control of Nonconforming Product
  - ✓ Management of Change (MOC)
- **Clause 6: Quality Management System Monitoring, Measurement, Analysis and Improvement**
  - ✓ General
  - ✓ Monitoring, Measuring, and Improving
  - ✓ Analysis of Data
  - ✓ Improvement
  - ✓ Management Review
- **Course Recap**

## CLASS HOURS AND MEALS

The duration of this course is three days, from 8:30 AM to 4:30 PM each day.

All of our Public Courses include the following:

**Meals:** Breakfast, lunch, and afternoon snacks.

**Drinks:** Water, coffee, and sodas available all day.

## TEST AND CERTIFICATE

A test is administered. A Certificate of Completion is provided to all participants at the end of the class.