

OVERVIEW

This course provides insights into the API Specification Q1 9th Edition: Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry. This course teaches the stringent requirements of the API Specification Q1 9th Edition and provides attendees with a firm understanding of what is required to achieve certification. Our course offers an in-depth look at the Q1 Spec, focusing on each of the detailed requirements for documentation, records and implementation. Using every day terminology, 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 Spec Q1 9th Edition 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 Q1 9th Edition, or those who want to learn and understand the requirements:

- CEO/Presidents/Vice Presidents
- Quality Directors/Quality Assurance Managers/Quality Control Supervisors
- Operations Managers, Manufacturing or Production Managers or Supervisors
- Supply Quality Managers, Supply Chain Managers or Supplier Quality Engineers
- ISO Coordinators or Management Representatives

LEARNING OBJECTIVES

- Learn the background and objectives of the API Specification Q1 9th Edition
- Understand the Quality Management Principles
- Understand the Process Approach
- Learn the requirements and implementation steps of the API Specification Q1 9th Edition
- Learn the API Specification Q1 Certification process

PREREQUISITES

The API Specification Q1 9th Edition course is an introductory course designed for individuals with little or no previous knowledge of API Specification Q1 (any edition), ISO 9001 or any quality management systems.

COURSE MATERIALS

Students receive comprehensive course manuals with reference materials, including:

- Presentation information
- Case studies
- Workshop exercises
- Copy of the standard

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 Q1 to the Industry**
- **Overview, Exclusions, and Legal Requirements**
- **Clause 4: Quality Management Systems Requirements**
 - ✓ Quality Management System
 - ✓ Management Responsibility
 - ✓ Organization Capability
 - ✓ Documentation Requirements
- **Clause 5: Product Realization**
 - ✓ Contract Review
 - ✓ Planning
 - ✓ Risk Assessment and Management
 - ✓ Design and Development
 - ✓ Contingency Planning
 - ✓ Purchasing
 - ✓ Production and Servicing Provision
 - ✓ Control of Testing, Measuring, and Monitoring Equipment
 - ✓ Product Release
 - ✓ Control of Nonconforming Product
 - ✓ Management of Change (MOC)
- **Clause 6: QMS Monitoring, Measurement, Analysis and Improvement**
 - ✓ Monitoring, Measuring, and Improving
 - ✓ Analysis of Data
 - ✓ Improvement
 - ✓ Management Review

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.