

OVERVIEW

This course provides insights into the API Specification Q1 9th Edition: Specification for Quality Management System (QMS) 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 API Specification Q1 9th Edition, focusing on each of the detailed requirements for documentation, records and implementation. This course is an extension of the three-day course and is ideal for Q1 practitioners. 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 Practitioner 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

- Have a basic knowledge of the background and intent of API Specification Q1 9th Edition.
- Explain the fundamental concepts and goals of API.
- Explain all the requirements of API Specification Q1 9th Edition, including Risk Assessment, Management of Change, Contingency Planning, and Preventive Maintenance.
- Explain the steps involved in the API Specification Q1 9th Edition registration 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 other Quality Management Systems.

COURSE MATERIALS

Students receive comprehensive course manuals with reference materials, including:

- Presentation information
- Case studies
- Workshop exercises
- A 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: QMS 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
- **API Monogram Program**
- **Product Quality Plan**
- **Risk Assessment and Management**
- **Contingency Planning**
- **Management of Change**

DURATION AND CLASS HOURS

The duration of this course is four 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.