API Q1 10th Edition Implementation Training Course Details

November 10, 2024

Overview

The 3-Day API Q1 10th Edition Errata 1, Errata 2, and Addendum 1 Implementation training course provides a deep look into the API Q1 Quality Management System Requirements for Organizations providing products for the Petroleum and Natural Gas Industry.

This course has been designed by Mireaux Management Solutions based on years of experience implementing API Q1 Quality Management Systems, auditing various management systems, and training on API Q1. This course focuses on three areas:

- Background and application of API Q1 standard.
- In depth overview of each clause of the API Q1 standard, using a 3-prong approach: what the standard says, how to implement the standard in the real world, and how to audit it.
- Explanation of changes from the API Q1 9th Edition to the 10th Edition.

Using a well-structured Case Study, real application examples and practical exercises, this course helps participants develop a hands-on understanding that will facilitate the implementation of a world-class Quality Management System.

Learning Objectives

By the end of the course, participants should have attained knowledge and understanding of the following concepts:

- Industry applicability of the API Q1 standard.
- How to use the Process Approach to identify the organization's core and support processes.
- Each of the API Q1 clause requirements, how to implement each of these clauses in the real world, and how to audit them.
- The necessary steps to:
    - Implement a brand-new Quality Management System based on API Q1.
    - Transition of an existing Quality Management System from API Q1 9th Edition to the 10th Edition.
    - Upgrade an existing Quality Management System from ISO 9001 to API Q1.
- The APIQR registration and certification process.

Prerequisites

The API Q1 10th Edition Errata 1, Errata 2, and Addendum 1 Implementation training course does not have any prerequisite courses.

For individuals with little or no previous knowledge of API Q1 or Quality Management Systems, who would like to maximize their knowledge; we recommend Mireaux's Fundamentals or Advanced Document Control courses as preamble and introduction to management systems, followed by an ISO 9001:2015 Amd.1 course (Implementation or Internal Auditor).

Summary Agenda

The topics in this course include:

- Background and History of API Q1
- Quality Management Principles
- Structure of API Q1
- The Process Approach
- About APIQR Registration and Certification Program
- Detail review of Clause 4: Quality Management Systems Requirements
  - Quality Management System
  - Management Responsibility
  - Organization Capability
  - Documentation Requirements
  - Control of Records
- Detail review of Clause 5: Product Realization
  - Contract Review
  - Planning
  - Risk Assessment
  - Design
  - Purchasing
  - Control of Product Realization
  - Product Release
  - Testing, Measuring, Monitoring and Detection Equipment (TMMDE)
  - Control of Nonconforming Product
  - Management of Change (MOC)
- Detail review of Clause 6: QMS Monitoring, Measurement, Analysis, and Improvement
  - General
  - Monitoring, Measuring, and Improving
  - Analysis of Data
  - Improvement
  - Management Review

Training Methods and Requirements

This course is live, Instructor-Led, and delivered as follows:

- Public Training via **Live Stream** or In-Person at the Mireaux Training Center located in Houston, TX (for select class dates).
- Private Training In-Person at your facility, or via **Live Stream.**

Live Stream participants will need the following tools to effectively complete this course:

- Computer or Laptop
- Microphone and Webcam
- Strong internet connection

Course Materials

Participants will receive comprehensive reference material, including:

- Training Course Workbook
- Workshops
- Case Study
- Training copy of the API Specification Q1 10th Edition Errata 1, Errata 2, and Addendum 1

Live Stream (within the US): Hard copies of the training course material will be shipped to participants, 3-5 days prior to the start of training, to the shipping address provided at the time of registration.

Live Stream (outside the US): Soft copies of the training course material will be provided via SharePoint links which can be viewed, downloaded or printed, via email 3-5 days prior to the start of training.

In-Person: Hard copies of the training course material will be provided to participants on the first day upon arrival.

Duration and Course Hours

The duration of this course is three days, as follows:

- Day 1   8:30 AM to 4:30 PM
- Day 2   8:30 AM to 4:30 PM
- Day 3   8:30 AM to 4:30 PM

Mireaux offers this training course Globally, therefore time zones will vary based on the class selected. Daily 30-min lunch and hourly breaks are scheduled throughout the duration of the course.

Successful Completion of Course and Test

Participants' successful completion of the course is determined by:

- Active participation
- Completion of workshops administered at various stages of the class
- Completion of Implementation and Internal Auditor Tests

Certificate and Continuing Education Units (CEUs)

An electronic Certificate of Completion is provided to all participants upon successful completion of the course. The Certificate awards a total of 2.1 CEUs to participants who attend the entire duration of the course and pass the Test with a minimum score of 70%.

Training Services Disclosure Policy

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