

Guidance to API Specification Q2

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Suggested revisions are invited and should be submitted to the Standards Department, API, 1220 L Street, NW, Washington, DC 20005, standards@api.org.

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Guidance to API Specification Q2

1 Scope

This document provides guidance on the intent and use of API Specification Q2 (API Q2). This document is not intended to provide training on the development and implementation of a quality management system (QMS).

This document will not provide guidance to each section of the API Q2.

2 Terms, Definition, Acronyms and Abbreviations

2.1 Terms and Definitions

For the purposes of this document, the terms and definitions given in API Q2 apply.

2.2 Acronyms and Abbreviations

MOC	management of change
NDE	nondestructive examination
PMITP	preventive maintenance, inspection and test program
QMS	quality management system
SQP	service quality plan
SRP	service-related product
TMMDE	testing, measuring, monitoring, and detection equipment

NOTE Paragraph numbering aligns with the sections of API Q2.

5.3 Risk Assessment and Management

Risk assessments create an awareness of situations, processes, environments, etc. that may cause or contribute to disruptions, incidents, problems, failures, delays, or loss.

Risk assessments are conducted by an individual or team who is competent (see section 4.3.2.2) in the methodology, operational and environmental conditions, and the intended service and service-related product (SRP).

Risk assessments may be incorporated into other management system processes, procedures, documents and records.

There are numerous industry tools and standards that can provide guidance for risk assessments. Although tools and techniques are required to be identified in the procedure, the specific tools and techniques used for risk management are identified by the service supply organization.

NOTE ISO 31010 provides examples of various techniques for risk management.

The primary goal of risk mitigation is to lower the risk exposure to within acceptable threshold limits identified by the organization. For risks that exceed the identified risk threshold, mitigating actions are identified by the organization.

5.5 Contingency Planning

Contingency plans are not limited to emergency response or business continuity plans.