

Recommended Practice for Pipeline Operator Qualification (OQ)

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Contents

Page

1	Scope	1
2	Abbreviations	1
3	Guidance for Developing a Written Program	1
3.1	Roles and Responsibilities	1
3.2	Participation in an Industry Group	2
3.3	Language	2
3.4	Program Improvement	2
4	Element 1: Identify Covered Tasks	2
4.1	General	2
4.2	Guidance on Identifying Covered Tasks	3
4.3	Guidance on Interpreting the Four Part Test	4
5	Element 2: Ensure, Through Evaluation, that Individuals Performing Covered Tasks are Qualified	4
5.1	General	4
5.2	Guidance on Establishing Criteria for Qualification through Evaluation	4
5.3	Other Circumstances that Require Qualification Considerations	8
6	Element 3: Allow Individuals that are Not Qualified Pursuant to the Regulation to Perform a Covered Task if Directed and Observed by an Individual that is Qualified	9
6.1	General	9
6.2	Guidance on Allowing Non-qualified Individuals to Perform Covered Tasks	9
7	Element 4: Evaluate an Individual if the Operator has Reason to Believe that the Individual's Performance of a Covered Task Contributed to an Accident/Incident as Defined in the Regulation	9
7.1	General	9
7.2	Guidance on Determination of Appropriate Action Following Individual's Involvement in an Incident or Accident	10
8	Element 5: Evaluate an Individual if the Operator has Reason to Believe that the Individual is No Longer Qualified to Perform a Covered Task	10
8.1	General	10
8.2	Guidance on Determining if an Individual Should No Longer be Qualified	10
9	Element 6: Identify Those Covered Tasks and the Intervals at Which Evaluation of the Individual's Qualifications is Needed	11
9.1	General	11
9.2	Guidance on Developing Re-evaluation Intervals	11
10	Element 7: Communicate Changes that Affect Covered Tasks to Individuals Performing Those Covered Tasks	12
10.1	General	12
10.2	Guidance on Developing Processes to Communicate Changes that Affect Covered Tasks	12
11	Element 8: Provide Training, as Appropriate, to Ensure that Individuals Performing Covered Tasks Have the Necessary Knowledge and Skills to Perform the Tasks in a Manner that Ensures the Safe Operation of Pipeline Facilities	12
11.1	General	12
11.2	Guidance on Providing Training, as Appropriate	13

Contents

	Page
12 Element 9: Notify the Administrator or a State Agency Participating Under 49 U.S.C. Chapter 601 if the Operator Significantly Modifies the Program After the Administrator or State Agency Has Verified that it Complies with the Regulation.	13
12.1 General	13
12.2 Guidance on Determining a Significant Change	13
12.3 Guidance on Transmitting OQ Program Revisions	14
12.4 Recordkeeping	14
12.5 Guidance On Developing Recordkeeping Criteria	15
Annex A (normative) Covered Task List	16
Annex B (normative) Covered Task Standards	19

Introduction

Background

The original purpose of API 1161 was to provide Liquid Pipeline Operators (“Operators”) with a guidance document to aid in the development of a written Operator Qualification (OQ) program to comply with the new OQ regulation (49 *CFR* Part 195 Subpart G) which became effective October 26, 1999. At that time, the preamble to the final regulation was the only guidance available to assist Operators with program development and program compliance. Since then, the regulation has been revised; Pipeline and Hazardous Materials Safety Administration (PHMSA) has issued advisories, white papers, frequently asked questions (FAQs), protocols and other guidance documents; industry groups have formed and some have issued OQ standards; and Operators have gained compliance experience as their programs have matured. Therefore, it is the goal of the OQ workgroup to revise API 1161 to reflect the relevant additional information that was not available in 2000.

Program Requirements

Each Operator is required to have and follow a written OQ program that includes provisions to address the nine required elements of the OQ regulation. While the Operator has the flexibility to exceed the requirements of the regulation, it is important to note that any and all requirements included in the written program become enforceable.

Recommended Practice for Pipeline Operator Qualification

1 Scope

The purpose of this recommended practice is to provide guidance for developing and maintaining a compliant Operator Qualification (OQ) program. Operators may choose to use all, part or none of this document. Additionally, many components of this recommended practice also apply to Gas Transmission Lines regulated under 49 *CFR* 192. Therefore, Operators may choose to utilize the recommended practice as applicable for these lines.

Operators should be aware that the OQ regulation is applicable only to United States Department of Transportation (DOT) jurisdictional pipelines. For purposes of this document, the word “pipeline” is used interchangeably with pipeline, pipeline facility and pipeline system and any and all jurisdictional pipeline components as defined in 49 *CFR* Part 195.

This document is written to provide guidance for achieving compliance with the regulation at the time of publication and is comprised of three individual components: the Guidance Document, the API Covered Task List (Annex A), and the Covered Task Standards (Annex B). A separate publication, the API Covered Task Standards, will contain guidance on the individual Covered Tasks. This guidance will include knowledge and skill components, span of control and abnormal operating conditions.

2 Abbreviations

For the purposes of this document, the following abbreviations apply.

AOC	abnormal operating conditions
API	American Petroleum Institute
CFR	<i>Code of Federal Regulations</i>
DOT	Department of Transportation
FAQ	frequently asked question
HQ	headquarters
NDT	nondestructive testing
OPID	Operator identification
OPS	Office of Pipeline Safety
OQ	Operator Qualification
PHMSA	Pipeline and Hazardous Materials Safety Administration

3 Guidance for Developing a Written Program

3.1 Roles and Responsibilities

Operators should define roles and responsibilities for the administration, management, and consistent implementation of the OQ program. Clear responsibilities for implementing the elements of the OQ program should be established and communicated to affected individuals. Responsibilities associated with the OQ program may include but are not limited to the following:

- central management and oversight of the OQ program;
- training, as appropriate;
- conducting and administering evaluations;