

# Recommended Practice for Basic Inspection Requirements—New Pipeline Construction

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# Contents

	Page
1 Scope .....	1
2 Normative References.....	1
3 Terms, Definitions, and Abbreviations .....	3
3.1 Terms and Definitions.....	3
3.2 Abbreviations.....	3
4 Pipeline Construction Inspector Responsibilities .....	4
4.1 Scope .....	4
4.2 Owner/Operator Representative .....	4
4.3 Quality Assurance.....	4
4.4 Relationship with Contractors, Suppliers, and Vendors.....	5
4.5 Planning Activities.....	5
4.6 Authority to Stop Work.....	5
4.7 Reporting .....	5
4.8 Documentation.....	5
4.9 Public Relations.....	5
4.10 Media Relations .....	5
4.11 Safety .....	6
4.12 Work Ethics .....	6
5 Personnel and General Pipeline Safety Requirements.....	6
5.1 Scope .....	6
5.2 Job Safety Analysis (JSA) .....	6
5.3 Personal Protective Equipment (PPE) .....	7
5.4 Loss Prevention Systems.....	8
5.5 Protective Measures for Radiation .....	8
5.6 Job Site and Facility Security .....	9
5.7 Required Work Permits.....	9
5.8 Rigging and Lifting Safety .....	9
5.9 Isolation of Hazardous Energy Sources.....	10
5.10 Excavation, Trenching, and Shoring Safety.....	10
5.11 Confined Space Entry Requirements .....	11
5.12 Atmospheric Testing.....	11
5.13 Respiratory Protection .....	12
5.14 Fall Prevention and Protective Systems.....	12
5.15 Scaffolding and Ladders .....	12
5.16 Use, Movement, Storage, and Inspection of Tools, Equipment, and Materials .....	12
5.17 Facility, Commissioning, and Pre-start-up Review .....	14
5.18 Regulatory Agency Inspections .....	14
5.19 Vehicle Operation .....	14
6 Environmental and Pollution Control Requirements .....	15
6.1 Scope .....	15
6.2 Erosion, Sediment, and Runoff Control on the Pipeline ROW.....	15
6.3 Federal, State, and Typical Local Environmental Permits .....	15
6.4 Major Statutes .....	15
6.5 Water Crossing Permits .....	16
6.6 Use of Natural Water Sources .....	17
6.7 Handling Contamination Issues.....	17

## Contents

	Page
<b>7 General Pipeline Construction Requirements</b> .....	<b>18</b>
7.1 Scope .....	18
7.2 Verification of Construction Personnel Qualifications .....	18
7.3 ROW Inspection Requirements .....	19
7.4 Locating and Marking Requirements .....	20
7.5 ROW Preparation Requirements .....	21
7.6 Ditching and Excavation Requirements .....	21
7.7 Pipe Handling, Hauling, and Stringing Operations .....	24
7.8 Piping Components, Materials, and Other Mainline Appurtenances .....	25
7.9 Pipe Bending Operations .....	25
7.10 Pipe Alignment and Welding Requirements .....	25
7.11 Roadway, Railroad, and Other Crossings .....	26
7.12 Waterway and Water Body Crossings .....	27
7.13 Corrosion Control Requirements .....	28
7.14 Lowering in Requirements .....	28
7.15 Backfill and Cleanup Requirements .....	29
7.16 Pipeline Cleaning Requirements .....	30
7.17 Internal Line Inspection Requirements .....	30
7.18 Hydrostatic Pressure Testing Requirements .....	30
7.19 Commissioning Requirements .....	32
7.20 Documentation Requirements .....	32
7.21 Inspector Tools for Communication and Documentation Requirements .....	32
<b>Annex A (normative) Chief Inspector</b> .....	<b>33</b>
<b>Annex B (normative) Blasting Inspector</b> .....	<b>35</b>
<b>Annex C (normative) Horizontal Directional Drilling Inspector</b> .....	<b>36</b>
<b>Annex D (normative) Welding Inspector</b> .....	<b>39</b>
<b>Annex E (normative) Corrosion Control Inspector</b> .....	<b>42</b>
<b>Bibliography</b> .....	<b>44</b>

# Recommended Practice for Basic Inspection Requirements— New Pipeline Construction

## 1 Scope

This recommended practice (RP) covers the basic requirements and their associated references needed to perform inspection activities safely and effectively during construction of new onshore pipelines. Use of this document will provide the basis for what construction inspectors need to have a basic knowledge of and where to find needed information related to each facet of new pipeline construction inspection activities.

The requirements are organized into the following major sections:

- inspector responsibilities,
- personnel and general pipeline safety,
- environmental and pollution control,
- general pipeline construction inspection.

Users of this document include those individuals either engaged in pipeline construction inspection or seeking to become certified inspectors. Pipeline owner/operators and pipeline inspection service companies may also use this document to aid and enhance their inspector training programs.

## 2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

API Specification 5L, *Specification for Line Pipe*

API Recommended Practice 5L1, *Recommended Practice for Railroad Transportation of Line Pipe*

API Recommended Practice 5LT, *Recommended Practice for Truck Transportation of Line Pipe*

API Recommended Practice 5LV, *Recommended Practice for Transportation of Line Pipe on Barges and Marine Vessels*

API Specification 6B, *Specification for Pipeline Valves*

API Recommended Practice 1102, *Steel Pipelines Crossing Railroads and Highways*, 2007

API Standard 1104, *Welding of Pipelines and Related Facilities*

API Recommended Practice 1109, *Marking Liquid Petroleum Pipeline Facilities*

API Recommended Practice 1110, *Pressure Testing of Steel Pipelines for the Transportation of Gas, Petroleum Gas, Hazardous Liquids, Highly Volatile Liquids or Carbon Dioxide*

API Publication 1157, *Hydrostatic Test Water Treatment and Disposal* (withdrawn)

Options for Liquid Pipeline Systems