

# Recommended Practice for Basic Inspection Requirements—New Pipeline Construction

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# 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 detailed 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 5LW, *Recommended Practice for Transportation of Line Pipe on Barges and Marine Vessels*

API Specification 6D, *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API Publication 1157, *Hydrostatic Test Water Treatment and Disposal* (withdrawn)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