



Pipeline Integrity Inspection Checklist Template

Pre-Inspection Planning & Preparation

Review inspection plan, gather necessary documentation, and prepare equipment.

Inspection Date

Enter date...

Inspection Start Time

Inspection Type

- ☐ Routine
- ☐ Anomaly Follow-up
- ☐ Regulatory

Pipeline Segment ID

Enter a number...

Review of Previous Inspection Reports

Write something...

Inspection Plan Document

 Upload File

Weather Conditions

- ☐ Clear
- ☐ Cloudy
- ☐ Rain
- ☐ Snow
- ☐ Fog

Right-of-Way and Vegetation Management

Assess condition of ROW, vegetation encroachment, and access points.

ROW Width (feet)

Enter a number...

Vegetation Type Present

- ☐ Trees
- ☐ Shrubs
- ☐ Brush
- ☐ Ground Cover
- ☐ Agricultural Crops

Vegetation Encroachment Distance (inches)

Enter a number...

Description of Vegetation Condition

Write something...

Access Road Condition

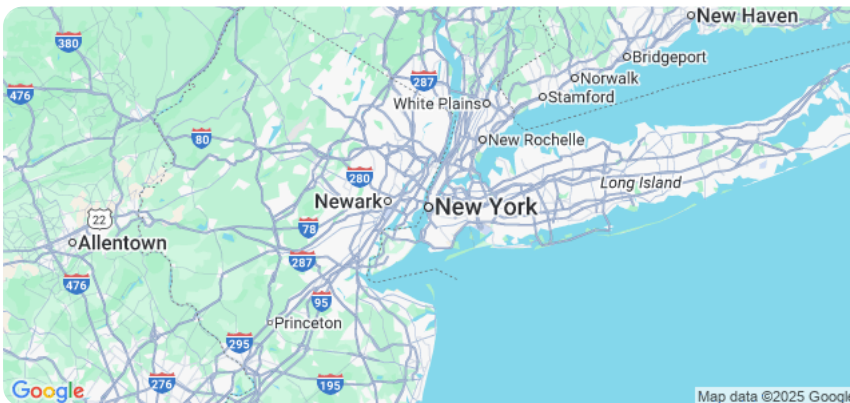
- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

ROW Photos

 Upload File

GPS Location of Significant ROW Feature

 [Set My Current Location](#)



Pipeline External Condition

Inspect for corrosion, dents, gouges, seam defects, and other physical damage.

Pipeline Diameter (inches)

Enter a number...

Pipeline Material

- ☐ Carbon Steel
- ☐ Stainless Steel
- ☐ Other

Description of Corrosion (if present)

Write something...

Length of Dents (feet)

Enter a number...

Description of Seam Defects (if present)

Write something...

Severity of Damage (if present)

- ☐ Minor
- ☐ Moderate
- ☐ Severe

Attach Photos of External Condition

 Upload File

Cathodic Protection (CP) Verification

Measure and verify CP system performance, including potential readings and rectifier operation.

Near-Pipeline Potential (Volts)

Enter a number...

Far-Field Potential (Volts)

Enter a number...

Rectifier Output Current (Amps)

Enter a number...

CP System Voltage (Volts)

Enter a number...

Rectifier Status

- ☐ Operating
- ☐ Faulted
- ☐ Standby

Last Rectifier Maintenance Date

Enter date...

CP System Notes/Observations

Write something...

CP System Condition

- ☐ Satisfactory
- ☐ Needs Adjustment
- ☐ Unsatisfactory

Pipeline Marking & Signage

Confirm accurate and visible pipeline markers are in place.

Marker Post Condition Rating (1-5, 5=Excellent)

Enter a number...

Marker Visibility - Daytime

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Marker Visibility - Nighttime

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Marker ID (e.g., 14S-30)

Write something...

Marker Type(s) Present

- ☐ International
- ☐ State/Provincial
- ☐ Local

Description of any damaged or missing markers

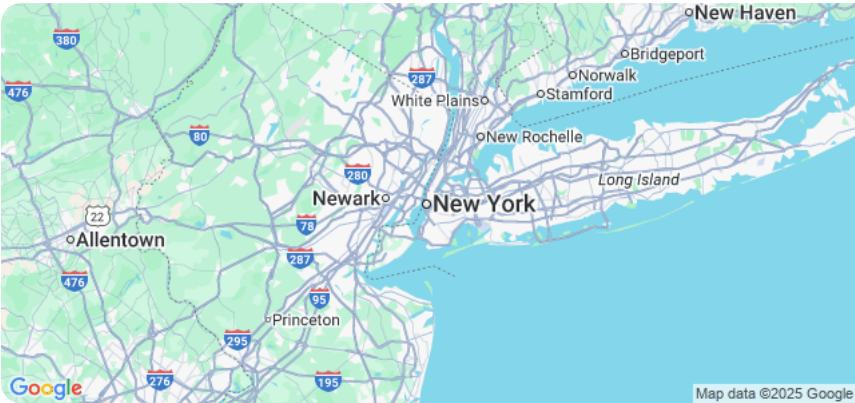
Write something...

Date of Last Marker Replacement/Repair

Enter date...

GPS Coordinates of Marker Location (if applicable)

 Set My Current Location



Leak Detection Equipment Calibration & Operation

Verify calibration and functionality of leak detection devices (e.g., ultrasonic detectors, pressure monitors).

Last Calibration Date

Enter date...

Calibration Accuracy (%)

Enter a number...

Serial Number of Device

Enter a number...

Calibration Standard Used

- ☐ NIST Traceable
- ☐ Manufacturer Standard
- ☐ Other (Specify)

Calibration Procedure Followed

Write something...

Calibration Start Time

Calibration End Time

Calibration Certificate (Upload)

 Upload File

Leak Survey & Anomaly Investigation

Conduct leak survey, investigate any detected anomalies, and document findings.

Leak Survey Distance (Feet)

Enter a number...

Background Noise Level (dB)

Enter a number...

Leak Size Estimate (Gallons/Hour)

Enter a number...

Leak Detection Method

- ☐ Visual Inspection
- ☐ Acoustic Survey
- ☐ Pressure Monitoring
- ☐ Other

Detailed Description of Anomaly

Write something...

Anomaly Severity

- ☐ Low
- ☐ Moderate
- ☐ High
- ☐ Critical

Anomaly Photo/Video

 Upload File

Anomaly Discovery Date

Enter date...

Post-Inspection Documentation & Reporting

Complete inspection reports, record anomalies, and create follow-up action items.

Inspection Completion Date

Enter date...

Inspection End Time

Detailed Findings & Observations

Write something...

Total Distance Inspected (miles/km)

Enter a number...

Anomalies Identified (Check all that apply)

- ☐ Corrosion
- ☐ Dents
- ☐ Gouges
- ☐ Seam Defects
- ☐ Leaks
- ☐ Other (Specify)

Description of 'Other' Anomaly (if selected)

Write something...

Supporting Photos/Videos (Optional)

 Upload File

Inspector Signature

Overall Inspection Status

- ☐ Pass
- ☐ Fail
- ☐ Conditional Pass

Regulatory Compliance & Record Keeping

Ensure compliance with applicable regulations and maintain accurate records of inspections.

Inspection Date

Enter date...

API Standard Version Used

Enter a number...

Regulatory Body Oversight

- ☐ PHMSA
- ☐ State Agency
- ☐ Local Agency
- ☐ None

Summary of Findings & Regulatory Implications

Write something...

Supporting Documentation

 Upload File

Report Submission Status

- ☐ Not Submitted
- ☐ Submitted
- ☐ Approved

Report Submission Date

Enter date...