

PIPELINE INTEGRITY INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Pipeline Structural Condition

- Yes No — No visible cracks, dents, or deformations
- Yes No — Welds and joints are secure and intact
- Yes No — Pipeline supports are stable and corrosion-free
- Yes No — Protective coatings are maintained and undamaged

Corrosion & Coating Evaluation

- Yes No — No evidence of internal or external corrosion
- Yes No — Coating thickness meets specification requirements
- Yes No — Cathodic protection is operational and tested
- Yes No — Surface prep and repairs documented properly

Pressure & Leak Monitoring

- Yes No — Pressure readings within safe parameters
- Yes No — Leak detection sensors functioning correctly
- Yes No — No signs of vapor, liquid, or gas leaks
- Yes No — Test logs and calibration records maintained

Valve & Control Station Inspection

- Yes No — Valves operate smoothly and seal properly
- Yes No — Actuators and controls functioning correctly
- Yes No — Pressure relief devices are tested and compliant
- Yes No — Lockout procedures enforced where required

Right-of-Way & Environmental Compliance

- Yes No — Right-of-way is accessible and maintained
- Yes No — No excavation or unauthorized activity observed
- Yes No — Environmental controls and spill barriers in place
- Yes No — Wildlife or environmental impact mitigated

Instrumentation & Monitoring Systems

- Yes No — SCADA and telemetry systems functional
- Yes No — Alarms tested and response procedures reviewed
- Yes No — Data integrity confirmed during monitoring
- Yes No — System backups and redundancies verified

Documentation & Regulatory Compliance

- Yes No — Inspection history records up to date
- Yes No — Test results documented according to standards
- Yes No — Compliance with industry regulations verified
- Yes No — Maintenance schedules adhered to

FINAL NOTES

Inspector Comments:

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

I confirm this inspection was completed accurately

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