

PROACTIVE PIPELINE INSPECTIONS



How do pipeline operators know their pipelines are operating safely?

Pipeline operators inspect their pipelines on regular schedules to look for any potential issues and ensure the pipes remain safe.

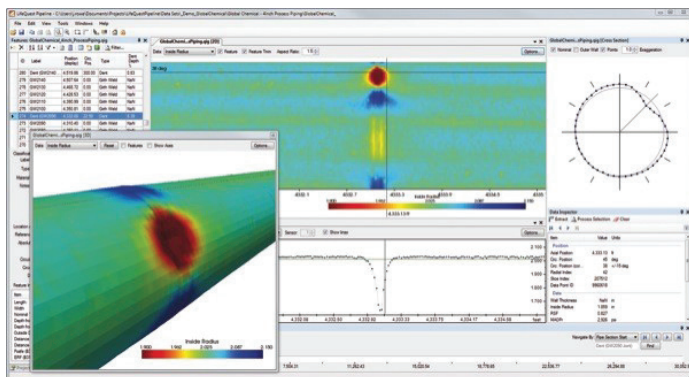
Inspections on a Regular Schedule

Pipeline operators inspect their pipelines on regular schedules looking for signs the pipe needs maintenance. By inspecting proactively, pipeline operators catch and fix issues long before they become a problem for the pipe.

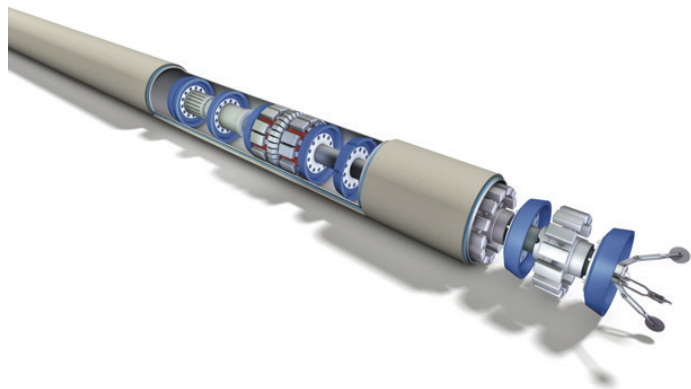
Like a doctor's exam, data from an inspection can confirm a clean bill of health, diagnose a potential problem or help prescribe maintenance to correct the issue.

High-Tech Inspection Tools

Pipeline operators use high-tech devices to scan their pipelines for potential issues. Inspection tools called “smart pigs” travel inside the pipe scanning the pipe wall for signs of dents, corrosion or possible cracking. Smart pigs use technology similar to an ultrasound or an MRI found at a doctor's office.



Inspection data displayed graphically aids diagnosis.



Pipeline inspection tools travel inside the pipe scanning with technology like an MRI or ultrasound.

An operator can customize its inspection of a pipeline by selecting tools designed to identify or confirm the absence of specific issues.

Hand held imaging tools in the field confirm previous smart pig internal inspections. If maintenance is needed, the specific action is prescribed and performed before returning the pipe to service.



A technician scans pipe with ultrasonic imaging technology.