

PipeDiver[®] Condition Assessment

An innovative, free-swimming condition assessment tool that operates while a pipeline remains in service

PipeDiver Technology

The PipeDiver platform is ideal for critical large-diameter pipelines that cannot be removed from service due to lack of redundancy or operational constraints. It can be effectively deployed for long inspections on several types of pipe to determine baseline condition; on concrete pressure pipe, the tool can identify and locate broken wire wraps, which are the main indication that this type of pipe will eventually fail; for metallic pipes that utilize a steel cylinder as the main structural component, the tool can locate and detect areas of corrosion and cylinder defects.

When inserted into a live pipeline through a hot tap connection, an existing access or a submerged tank, the tool travels with the product flow and is able to navigate most butterfly valves and bends in the pipeline.

Inspection Benefits

- No disruption to regular pipeline service
- Long inspection distances can be covered in a single deployment
- Accurate results that pinpoint areas of distress help optimize repair planning
- Effective on a variety of pipe materials
- More cost-effective than methods that require shutdown and dewatering

