

PRCI Technology Development Center

ILI Pull Test Facility

With a greater focus on inline inspection technologies' ability to detect, discriminate and characterize anomalies, it is important that the pipeline industry have a facility that allows for the validation and development of next generation solutions for enhanced operational safety and reliability.

The Solution

The ILI Pull Test Facility at PRCI's Technology Development Center (TDC) in Houston, TX, provides the ideal setup for inline inspection technology assessment and demonstration on a wide range of test samples representative of real-world pipe conditions.

Key Advantages

- Powerful winch capable of 40,000lbs pulling force at speeds exceeding 11mph
- Access to a verity of pipe diameters with a wide range of manufactured and natural features
- Ability to customize the pipe strings for a specific need using the large pipe inventory onsite
- Efficient operations allowing for up to eight pull tests per day

About the TDC

The TDC is a state-of-the art research facility focused on enhancing and developing the next generation of tools, processes, and people. Learn more at prci.org/TDC.

ILI Pull Test Facility Technical Specifications

pipe sizes available	8", 12", 16", 20" and 24" (up to 42")
pipe strings length	up to 550ft long
operating speed range	0.5 to 5 m/s (1 to 11 mph)
average time per pull test	45 minutes (up to 8 pull tests per day)
maximum pull force	40,000lbs
recorded data	distance, speed, and pull force
testing product	air
product temperature	ambient (above ground piping)



ILI Pull Test Facility Located at PRCI's Technology Development Center in Houston, Texas