

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 PRCI Technology Development Center's pull test facility 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 up to 11mph
- Access to a variety of different pipe diameters that feature a wide range of manufactured and natural features
- Custom pipe strings for specific needs using the large onsite pipe inventory
- Efficient operations, allowing for up to 15 pull tests per day

ILI Pull Test Facility Technical Specifications

pipe sizes available	from 6" 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	25 minutes (up to 15 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)

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

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6410-J Langfield Road | Houston, TX USA 77092 | T: +1.281.846.7570

About Pipeline Research Council International

PRCI is a community of the world's leading pipeline companies, and the vendors, service providers, equipment manufacturers, and other organizations supporting the industry. Since 1952, PRCI has been recognized around the world as a unique forum within the energy pipeline industry delivering great value to its members and the industry — both quantitative and qualitative — through the development and deployment of research solutions to improve pipeline safety and performance.

PRCI is dedicated to assuring the maximum efficiency of research development and deployment through a highly-leveraged funding model of member and external funding, information sharing, cooperative research development, and the broad dissemination and application of its results. Along with funding, the strength of the collaborative model stems from the contributions of member technical and operations experts to PRCI and the ongoing support to them from PRCI and their companies. It is this collaboration in the direction, implementation, and adoption of research that defines PRCI's value to its members and the industry.

PRCI's Value Proposition

Using the leverage generated by our members' resource contributions, PRCI's unique research forum fosters collaboration that delivers relevant and innovative applied research to continually improve the global energy pipeline systems.