

Cladtek provides comprehensive testing services to evaluate pipeline material performance under simulated installation and in-service conditions, ensuring reliable results in a confidential, independent setting.

## Services Includes:

- ✓ **2 & 4 Point Bend Testing**  
including simulated bend tests of thermal insulation coatings for pipelines in line with ISO 12736 (2014).
- ✓ **High-Frequency Full-Scale Fatigue Testing**  
relevant for pipelines in dynamic service, such as risers for deepwater applications.
- ✓ **Lateral Buckling Test**
- ✓ **S-Lay and J-Lay Bending Simulations**
- ✓ **Reel Lay Simulation**  
including bending and straightening cycles (formers available to suit common carousel diameters).
- ✓ **Thermal Cycle Fatigue Loading**

## Testing & Simulation Conditions

Testing can be conducted under a variety of conditions, including:

- Variable temperatures and pressures
- Tension, compression, and lateral loads

## Facility Capabilities

Our facility is equipped to test:

- Bare carbon steel or alloy line pipe
- CRA clad and mechanically lined pipes
- Internally and/or externally corrosion-coated pipes
- Concrete weight-coated pipes
- Field joint coatings
- Pipeline girth welds

