



## Testing & Simulation Services



In addition to being one of the world's leading suppliers of CRA clad and lined pipe, Cladtek also offers a wide range of services for testing of pipeline material performance under simulated installation and in-service conditions.

Our testing facilities and services are provided on a confidential and independent basis. Our customers including Operators, Engineers, Contractors, Product Manufacturers and Researchers.

Cladtek testing a simulation services include:

- 2 and 4 point bend testing including simulated bend test of thermal insulation coatings for pipelines in line with ISO 12736 (2014)
- Lateral buckling simulations
- Reel lay simulation including bending and straightening cycles (formers available to suit common carousel diameters).
- S-Lay and J-Lay bending simulations
- Thermal cycle fatigue loading
- High frequency full scale fatigue testing (particularly relevant for pipelines in dynamic service such as risers for deepwater applications)

Simulation testing can be performed under a range of conditions including:

- Various temperatures and pressures
- Tension, compression and/or lateral loads

Cladtek testing facility is suitable for testing:



## Testing & Simulation Services

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



Contact us for an obligation free quotation at:

[Info@cladtek.com](mailto:Info@cladtek.com)