

Pipeline Services and Straininstall



Straininstall

Straininstall's pipeline services:

- Residual Stress Determination
- Strain gauge Installation
- Deflection and Movement Monitoring
- Data Logging Equipment
- Pressure Measurement
- Intrinsically Safe Instrumentation
- Subsea Pipeline Systems

Straininstall UK Ltd., provides an installation, testing and analysis service to the operators and constructors of gas, oil and water pipelines. A variety of clients both in the UK and world-wide use the services of Straininstall to be able to investigate the residual stresses in pipelines and provide measurement systems for monitoring strains, stresses and movements.

The residual stress determination services from Straininstall gives the client fast, accurate and reliable data to aid the understanding of the pipeline wall residual stress state due to subsidence or other external factors.

Installing a strain gauge rosette pattern of gauges and then drilling a small hole in precise incremental depths determine the residual stress state. The size and type of strain gauges and hole drilled is dependant upon the application and the wall thickness of the pipeline being investigated. Post processing of the data is carried out using the proprietary SES residual stress program. The results are presented in a summarised form with both tabular and graphical outputs of variation of residual stress with depth.

Straininstall's team of experienced engineers operate from offices in Cowes, Bath and Aberdeen (UK) and Tønsberg (Norway).

Straininstall UK Limited
Charlton Lane
Midsomer Norton
BATH
BA3 4BE

Tel: +44(0)1761-414939
Fax: +44(0)1761-416655
Email: info@straininstallbath.co.uk
Web: www.straininstall.com

