

LONG RANGE GUIDED WAVE

ADVANTAGES

- Works on insulated and bare piping – above ground, buried, subsea.
- Will detect both internal and external defects.
- Can detect cracks/wall loss > 5% CSA with confidence, (down to 1% in ideal situations).
- Sensitive to defects at any through wall position.
- Full range of pipe schedules can be inspected – up to 72” diameter, up to 3” wall thickness.
- Relatively fast set up and operation.
- In ideal conditions, more than 100 metres of pipework inspected from single location.
- Detailed C-Scans show axial and circumferential position and distribution of defects.
- Lightweight & battery operated allows easy operation, including rope access.
- Equipment can be configured for in screening or monitoring.

LIMITATIONS

- Buried pipeline needs to be exposed at transducer locations.
- Access needed on all sides of pipe for transducer – 30cm area.
- Sensitivity and range variable, dependent on several factors – substrate, coating etc...
- Usually limited to one or two bends per test.
- Complimentary NDT needed to “size” defect accurately.
- Extensive training and experience necessary for operation and data interpretation.
- Accurate information required from client to allow adequate compensation calculations.

Should you require further information regarding our Long Range Guided Wave service, please contact Inspecta International by emailing technical@inspectaint.com, or contact your local office who will be happy to answer any queries www.inspectaint.com.

