TruScan™ P.A. — Phased–Array Ultrasonic (UT) Pipe Inspection

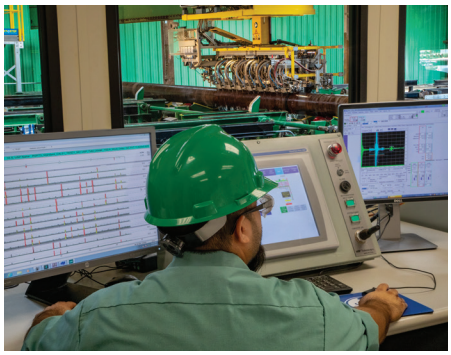
Meeting the more demanding requirements of today's wellbore

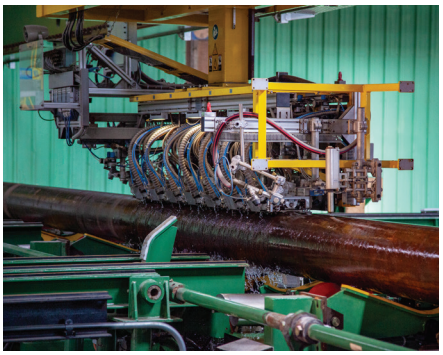
Oilfield tubulars with advanced performance properties demand a more sophisticated inspection method beyond traditional ultrasonic techniques. Utilizing leading-edge Phased-Array technology Tuboscope identifies pipe flaws at multiple orientations along with over 100% UT wall coverage for higher accuracy and reproducibility.

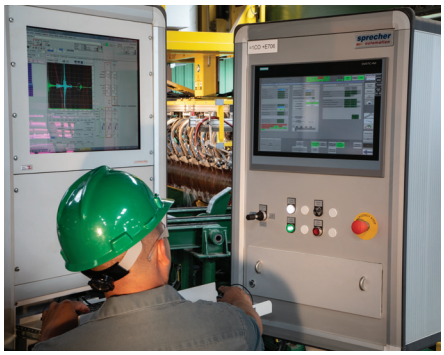
In a single-pass application, Phased Array transducers emit and receive ultrasonic sound beams at multiple oblique angles detecting flaws at wider angular ranges. Combined with our proprietary Tuboscope A/S™ recording and reporting software we provide you a more accurate and complete analysis of your critical service tubulars.

Features and Benefits *(over traditional UT inspection methods)*

- Detection – Longitudinal, Transverse, multiple obliques both leading and trailing edge
- Over 100% UT wall thickness coverage
- Over 100% 3db flaw and lamination coverage
- Wide oblique angle coverage, precise ID / OD discrimination, accurate wall measurement and lamination detection *(utilizing 7 heads)*
- Beam steering for wider oblique angular coverage *(Optional Paintbrush method available)*
- Wide beam path, high inspection speed and small flaw detection
- Reduced SEA area for minimal un-inspected ends - optimized at 8"
- Tuboscope A/S proprietary database inspection software for standardized reporting
- TruMap™ multi-dimensional inspection and measurement package capability
- Size 2 ⅜"–24" OD Range II & III







*** Phased-Array inspection is on-line at Tuboscope's Houston Sheldon South facility along with other inspection and associated services.**

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