



Advanced non-destructive testing and inspection

Using advanced and emerging technologies to deliver specialist inspection services.



James Fisher NDT (JF NDT) offers an extensive suite of advanced non-destructive testing (NDT) services, drawing on the latest techniques and technologies to deliver highly accurate and effective inspection solutions for a wide range of applications on and offshore.

For complex inspection scenarios, JF NDT can develop a bespoke testing solution to meet exacting client needs. Our team has a proven track record in developing new, benchmark techniques and technologies that support high integrity industries, providing essential assurances of asset condition.

Our highly specialised testing solutions draw on a multi-disciplinary team of industry experts. JF NDT can also draw on the wider resources of the James Fisher group to bring together expertise from fields including nuclear and defence, maritime, subsea, renewable energy and construction to offer a truly integrated inspection solution.

Specialist NDT services:

- 3D laser scanning of tanks, vessels and piping / visual asset management with R2S®
- Remote visual inspection by UAV and ROV
- Internal pipe and tank inspection
- Acoustic emission testing (AE) of vessels, tanks and piping
- Pulsed eddy current (PEC) corrosion under insulation surveys
- Automated corrosion mapping surveys

Advanced NDT inspections also include:

- Phased array (PA)
- Time of flight diffraction (ToFD)
- Guided wave ultrasonic testing (LRUT) pipe screening
- Storage tank inspection EEMUA 159 / API 653
- Tank floor scanning (SLOFEC and MFL)
- Tube inspection with internal rotary (IRIS), eddy current (ET), near field (NFT and NFA), and remote field eddy current (RFT)
- Remote visual inspection by UAV and ROV



James Fisher
NDT



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