



PearlStreet

NON DESTRUCTIVE TESTING

Non Destructive Testing (NDT) is used extensively during the service life of industrial components to detect defects before failure occurs.

WHAT DOES PEARLSTREET DO?

As the largest NDT service provider in Australia, with 50 years of industry experience, we work with you to understand your testing objectives. We then prepare and undertake a test program specific to your requirements. Our NDT capabilities include:

BASE TECHNIQUES

- Visual inspection
- Radiographic examination (gamma ray & x-ray)
- Ultrasonic flaw detection
- Ultrasonic thickness testing
- Magnetic particle testing
- Dye penetrant testing
- Eddy current testing
- Holiday testing of coatings
- Hydrostatic testing

ADVANCED TECHNIQUES

- Internal rotary inspection system (IRIS) tube testing
- Automated pipeline testing
- Ultrasonic corrosion scanning / corrosion mapping
- Inspection under insulation (Lixi profiler / flash radiography)
- Time of flight diffraction (TOFD) ultrasonic testing
- Phased array (PA) ultrasonic testing
- Bore oxide measurement
- Remote field eddy current
- Electromagnetic tube testing (Centest)
- Electromagnetic-acoustic transducer tube testing (EMATS)
- Magnetic flux Leakage (MFL) testing (including floor mapping)
- Alternating current field measurement (ACFM)
- Digital radiography
- Small contained area radiography (SCAR)

NATA ACCREDITED

We are accredited by The National Association of Testing Authorities (NATA) in the field of NDT.

PearlStreet is a leading provider of testing, inspection and asset care services to the energy, resources and infrastructure sectors.

Corporate Offices: Perth 08 9327 7500 • Melbourne 03 9674 6100 • Brisbane 07 3718 0300

Visit www.pearlstreet.com.au for branch office contact details.



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NON DESTRUCTIVE TESTING - cont

WHAT CAN YOU EXPECT FROM US?

- Accurate and timely results
- Experienced technicians
- National coverage
- Ongoing investment in advanced techniques

ASSOCIATED SERVICES

- Inspection
- Plant Shutdown Planning & Execution
- Integrated Condition Monitoring
- Engineering & Materials Consulting
- Heat Treatment

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