



# Conventional non-destructive testing

Flaw detection and evaluation.



Non-destructive testing (NDT) is an established, tried and tested range of analysis techniques used to verify the condition of equipment and infrastructure without any detrimental effects to the asset in question.

NDT is used in a wide variety of high integrity industries to confirm asset condition, ensure compliance with regulatory guidelines and reduce operational, and environmental risk. Testing can be completed at any stage in an asset's lifespan, using a range of established methods to noninvasively inspect assets and identify flaws before they lead to damage, component failure and operational disruption.

JF NDT offers a complete range of conventional NDT testing solutions on site and in our purpose built laboratories. Our testing delivers accurate and reliable results, providing valuable, data-rich insights and informing proactive maintenance strategies.

## Key benefits:

- Verify asset integrity
- Identify flaws and emerging defects
- Demonstrate due diligence
- Ensure compliance with regulatory requirements
- Minimise risk of component failure
- Ensure equipment is operating safely

## Conventional NDT methods:

- Hardness testing
- Positive material identification (PMI)
- Magnetic particle and liquid penetrant surface inspection (MT and PT)
- X-Radiography and gamma radiography
- Computed radiography (CR)
- Manual ultrasonic inspection
- Visual inspection
- Weld inspection
- Alternating current field measurement (ACFM) surface inspection
- Eddy current inspection

JF NDT can advise on the most appropriate inspection techniques for any application and can even develop bespoke testing solutions where required. Our service includes consultation, testing, reporting and offering a complete picture concerning the condition of your assets.



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NDT



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