

NDT & Inspection Services

Managing the safety
& integrity of your
assets & infrastructure

Glacier Energy is an international provider of specialist products, services and engineering solutions for new and existing infrastructure.

Using our technical ingenuity and expertise, Glacier Energy ensures the safe and reliable operation of our clients' critical assets to maximise operational performance and productivity across the onshore, offshore and alternative energy sectors.



World-Class Inspection Services

For over 40 years, we have provided clients with market-leading conventional and advanced non-destructive testing (NDT) & inspection services for new-build fabrication & assembly and repair & maintenance projects across the renewables, oil & gas, petrochemicals and power generation industries.

What sets us apart is our agility, professionalism & responsiveness combined with the technical competency & expertise of our highly skilled teams. We are immensely proud of our heritage and strong track record and as a progressive partner, we continue to focus on the development of new techniques & ways of working to improve efficiencies & productivity.

Know More & Risk Less

Our broad range of inspection services can help you reduce risk and ensure quality & accuracy in-line with all regulatory requirements. This is supported by our UKAS accreditation & our Quality Management System, which is certified to ISO 9001.

At Glacier Energy, we offer our commitment to inspection excellence in order to help our clients achieve safe, secure, sustainable and profitable operations.

In 2014, Glacier Energy acquired Professional Testing Services (PTS), an industry-leader of NDT and inspection services. Today, our team includes over 100 trained and qualified inspection personnel and we have delivered in excess of 2,500 NDT inspection projects globally.

Conventional NDT

Conventional NDT is the starting point in establishing or evaluating the condition of your equipment. Our conventional NDT inspection capabilities allow us to conduct complete and thorough in-service inspections to assure the integrity of our your assets with minimal to no operational interruptions.

Advanced NDT

Glacier Energy specialises in a wide range of advanced NDT methods for providing improved inspection results, easier interpretation and faster processes. Our vast expertise and knowledge means we can select the right techniques and procedures to detect defects and irregularities in your products, equipment, facilities or plant assets and provide you with the necessary data to assist you in making informed decisions.

Conventional Techniques

- Consultancy/Level 3 Services
- Magnetic Particle Inspection
- Dye Penetrant Inspection
- Visual Inspection
- Hardness Testing
- Ultrasonic Testing
- Radiographic Inspection
- Eddy Current Inspection

Advanced Applications

- Hex Tube Inspection
- Vessel Inspection
- Tank Inspection
- CUI/Pipework Inspection
- Volumetric/Surface Weld Inspection

Advanced Techniques

- Time of Flight Diffraction
- Phased Array
- Magnetic Flux Leakage
- Alternating Current Field Measurement
- Eddy Current Array
- Pulsed Eddy Current
- Internal Rotary Inspection System
- Corrosion Mapping
- Automated Ultrasonic Testing



Fully integrated partner

Glacier Energy's NDT & inspection services capability complements our broad portfolio of additional on-site technical services including **machining**, **welding** and **heat transfer** solutions which are all delivered on-site or from one of our dedicated workshops. This unique blend of value-added services ensures our clients' engineering & construction, integrity, and life extension projects can be delivered more efficiently and effectively, through a single-source provider.



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