



Capability Statement

LJ's  NDT
Inspections Services



What sets LJ's apart from the rest

LJ's NDT & Asset Inspections is Australian-owned and operated providing NDT testing, Asset Inspections, Pressure vessel and production services to the defence, mining, oil & gas, and manufacturing industries.

Our team works exclusively to maximise the lifetime of our clients' assets through NACE coating and corrosion surveys, AICIP and API pressure vessels and storage tank inspections, NDT & witnessing services.

Whether its on mine sites, fabrication, plant, construction, or maintenance. Our asset integrity services provide quality assurance and process safety reducing downtime and boosting the efficiency & reliability of assets whilst identifying potentially hazardous risks. We then work closely with our clients to come up with solutions.

All services are supported by an outstanding business management system with all work conducted under NATA & ISO Quality.

LJ's offer certified multi skilled technicians for new fabrication or maintenance services, rapid report (with in 24hrs of job completion), competitive rates and local, nationally & international services.

NDT & Asset Inspection Specialists in:

- Reports within 24hrs
- Non-Destructive Testing
- Pressure Vessel Inspections
- Pressure Relief Valves (Calibrations & Sales)
- API Tank Inspections
- Certified Wind Turbine Inspections
- NACE Coating Inspections
- Welding Inspections & Supervision (Cert 10)
- Corrosion Surveying
- Borescopic Inspection
- Professional Witnessing of inspections & Validations

Non-Destructive Testing Services (NDT)

Dye Penetrant:

Dye Penetrant (PT) is designed to aid the visual inspection of surface breaking flaws such as cracks, porosity, seams and other defects. Mostly used on stainless steel, aluminium, plastic etc

Phased Array Inspection:

New technology taking over from RT (Radiography)

PAUT has higher probability of detection than RT, its a lot faster & cost effective, Eliminates the harmful radiation and exclusion zones so its much safer. Welders can do repairs straight away and re-inspection can be done instantly. Cancels out all the delays and safety requirements RT requires

Eddy Current Inspection:

ET can be used to detect near surface defects without the need to remove coating. Ideal for for various on-site and plant inspections. Common use is 10 yearly major inspections, gears and components, bolts & threads & in service assets

Mag Particle:

MT is a surface inspection method used to aid visual inspection of ferrous parts for surface breaking defects.

Ultrasonic Weld Inspection:

Using multiple probes at different angles technicians can locate and size internal defects in welds and plate laminations or cracking

Ultrasonic Thickness / Corrosion Inspection:

Using high frequency to measure material thicknesses in all types of material at different velocities.

Visual Inspection:

Visual is the most basic but most used inspection method. Defects and problems to assets can be detected by highly trained technicians before serious damage is done.

Compliance inspection of mine site equipment, all site assets.

Inspection Services

Coating Inspection:

From NACE paint inspections to holiday spark testing, we can provide our clients with all there coating needs

Welding Inspection:

Weld inspections prevent dangerous and unsafe outcomes and plays a large part in structural integrity inspections. Our services include but not limited to, supervising welding operations, monitoring of shutdowns, inspections of structures, management of equipment assets, technical support for project and welding quality assurance.

Vac Box Inspection:

Leak testing of welds. Commonly used on tank floors

Pressure Vessel Inspection:

In-service pressure vessel inspection, conducted in accordance with AS/NZS 3788. Survey conducted on boilers, pressure vessels & Associated pressure equipment, LPG tanks ect

Corrosion Survey:

Assessment to determine type and extent of corrosion on in-service plant and equipment. Early detection and prevention can reduce town time and operation cost, Extend plant life and avoid serious incidents.

Borescopic Inspection:

Inspection of limited access areas e.g. engine blocks, pressure vessels, piping, heat exchangers. Video and images can be captured and reported

Other Services

Pressure Relief Valves:

Sale & Calibration of PSVs all sizes.

Professional Witnessing:

Unbiased third party to witness a critical process, procedure or hold point.

Hydrostatic Testing of pressure vessels, tank or pipelines.

Procedure & welder qualifications.

Torquing of joints and fasteners

Wind Turbine Inspections:

Inspection of wind turbine is becoming more and more of a demand. LJ's has certified ASME wind turbine inspectors that can provide all your inspection needs



With branches in Townsville & Brisbane LJ's can service the entire Queensland state. With the capabilities and mobilisation setup to travel interstate & overseas as well.

***Guaranteed reports within
24 hours of completion***

At LJ's we pride ourselves on the relationships we have formed with clients. Helping at any time anywhere and being an efficient, cost effective, safe & reliable inspection company for all clients.

All our technicians are well respected in the field with years of knowledge and experience to make your requirements easy and stress free.

Having the correct procedures & policies in place to ensure all inspections are done to standard to ensure clients of quality and efficient results.

Contact Henco or James to see how we can help you.



For more information please contact:
ljstechnicalservices.com.au

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