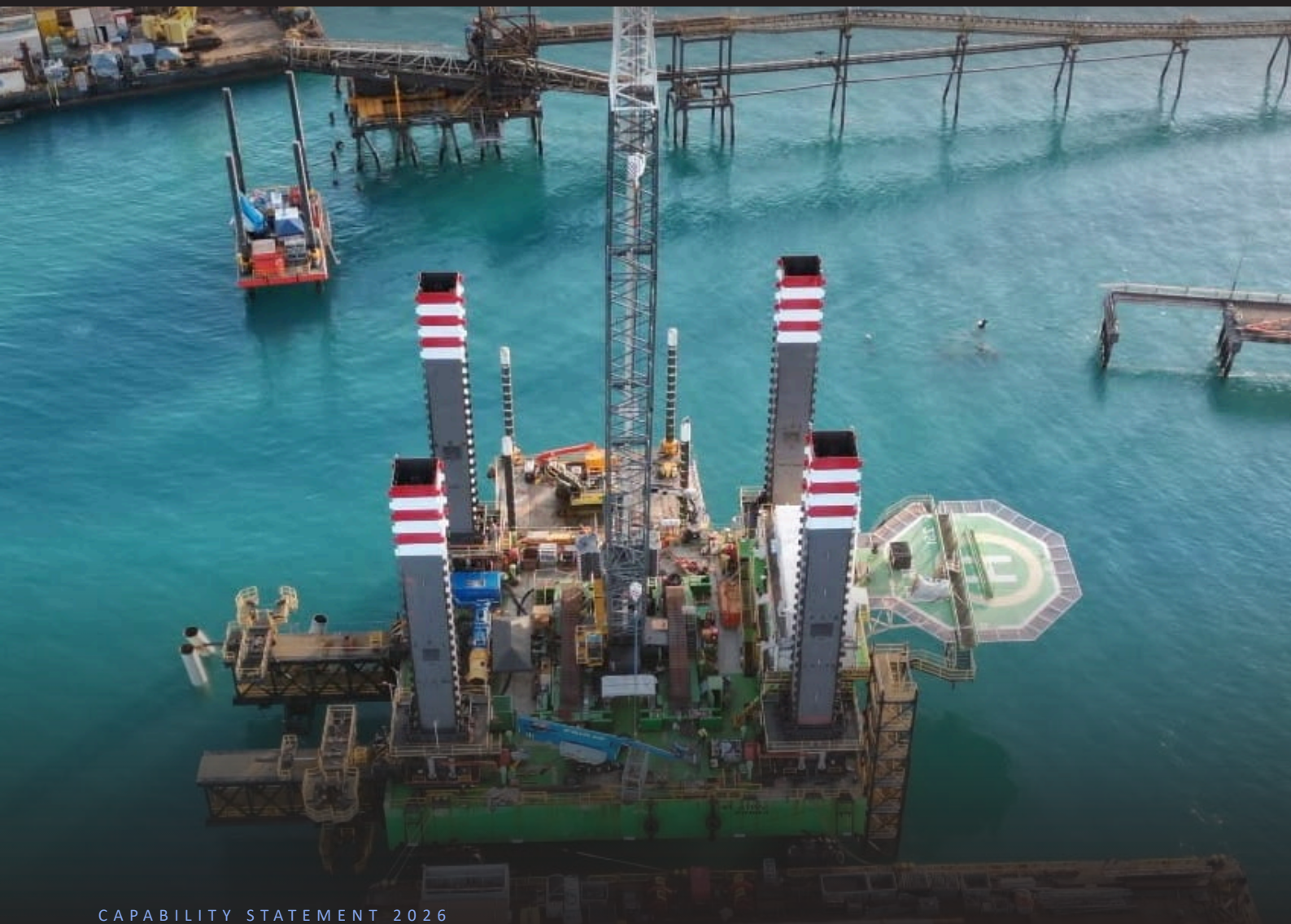


CAPABILITY STATEMENT 2026

INSPECTION & TESTING FOR AUSTRALIA'S MOST DEMANDING ASSETS.

Independent inspection and testing for tier-1 oil, gas, marine and resources infrastructure across Australia, ASEAN and the Middle East. Darwin-owned since 1996, NATA accredited for over 30 years.

NATA NO. 12303 | ISO 9001 | DNV APPROVED | API 510 · 570 · 653 | AICIP | NACE | IRATA

WHO WE ARE

NORTHERN TERRITORY-OWNED, INDEPENDENT, AND INSPECTING AUSTRALIA'S MOST DEMANDING ASSETS SINCE 1996.

DITS is the Territory's specialist inspection and testing service. From our workshop and laboratory in Berrimah, NATA accredited for over 30 years, we work with the operators, contractors and asset owners who run tier-1 oil, gas, marine and resources infrastructure across Australia, ASEAN and the Middle East. Our technicians arrive accredited, equipped and ready, with **swift reporting, round the clock**.

01
TIER-1 CLIENT EXPERIENCE
LNG plants, FPSOs and offshore campaigns.

02
30+ YEARS NATA ACCREDITED
No. 12303 since 1996. ISO 9001 and DNV approved.

03
ADVANCED TECHNOLOGY
PAUT, ToFD, MFL, CR and XRF, run in-house.

04
SWIFT REPORTING
Digital reports, round the clock.

WHAT WE DO

FOUR CORE SERVICE AREAS, BACKED BY A BROAD IN-HOUSE CAPABILITY.

01 NON-DESTRUCTIVE TESTING (NDT)
Surface and volumetric NDT across the full method range: visual, magnetic particle, penetrant, eddy current, ultrasonic, radiography, phased array and ToFD. NATA accredited techniques for weld integrity, corrosion and flaw detection.

02 PRESSURE EQUIPMENT INSPECTION
In-service and certification inspections of pressure vessels and piping by API 510, API 570 and AICIP certified inspectors, to AS/NZS 3788: wall-loss assessment, crack detection, remaining life and the next inspection date.

03 TANK INSPECTION
API 653 inspections of in-service and out-of-service storage tanks: MFL floor scanning, B-scan and PAUT shell mapping, vacuum box testing and remaining-life calculation.

04 MARINE & SHIP INSPECTION
DNV approved service supplier for thickness measurement on DNV-classed ships. Hull, topside and FPSO inspection, with long-running offshore campaign experience across the region.

ALSO IN-HOUSE · A DETAILED BROCHURE IS AVAILABLE FOR EACH

RADIOGRAPHY
Gamma, X-ray and CR, bay and site

PAUT CORROSION MAPPING
Hulls, tanks, pipelines, vessels

HYDROSTATIC TESTING
NATA accredited to 100,000 kPa

PRV / PSV TESTING
NATA, workshop bench and mobile

HEAT TREATMENT
Site PWHT and a 1200 °C kiln

WELDER QUALIFICATION
Three bays, ASME IX and ISO 9606

PAD EYE & LOAD TESTING
PT12 tester to 12 t, Marine Order 32

NACE COATINGS INSPECTION
Salts, profile, DFT, holidays

ROPE ACCESS
IRATA Level 2 and Level 3

CRANE & LIFTING GEAR
Hooks, shackles, pad eyes, spreaders

BORESCOPE & REMOTE VISUAL
Olympus IPLEX videoscope

EDDY CURRENT
Coated welds and tubes

PMI
Bruker S1 Titan handheld XRF

HARDNESS TESTING
Leeb and Brinell

THERMAL IMAGING
FLIR E5 Pro

DRILL PIPE THREADS
DS-1 and API RP 7G-2

REPORTING

DIGITAL, TRACEABLE, FOLLOWED UP.

DIGITAL REPORTING SYSTEM
Reports, photos and data issued digitally, NATA endorsed where in scope.

BARCODED ASSETS
Each asset tagged and scanned, linked to its full inspection history.

AUTO FOLLOW-UP REMINDERS
Automatic reminders when a repair, re-test or next inspection is due.



ADVANCED CAPABILITIES

SPECIALIST EQUIPMENT. DEPLOYED IN-HOUSE.

PAUT CORROSION MAPPING

Know exactly how much wall your vessels, tanks, pipelines and hulls have left. Encoded scans build a precise corrosion profile for fitness-for-service and remaining-life decisions, and your asset keeps running the whole time.

- OmniScan X4 · HydroFORM 2 · FlexoFORM

PAUT & TOFD WELD SCANNING

Full weld coverage in a single pass, captured as a permanent digital record. No radiation, no exclusion zones, no stopping the crews around you. ToFD sizes each flaw's height through the wall.

- NATA accredited PAUT · Level 3 scan plans

RADIOGRAPHY

Gamma and X-ray in our radiation bay or on site. HAND-X wireless control fires the X-ray set from up to 100 m away, plus computed radiography and profile RT for wall thickness under insulation.

- NATA accredited film radiography

HYDROSTATIC TESTING

Code-compliant pressure testing of spools, vessels and pressure plant up to 100,000 kPa, on your site or at our base. Staged rise and release, pressure and temperature logged, with witnessed records and certification.

- NATA accredited to 100,000 kPa

MOBILE RELIEF VALVE TESTING

We set-test and recertify your relief valves on site from our mobile nitrogen unit, or on our Metrus bench in the workshop. No pulling valves off to a distant bench, no drawn-out downtime.

- NATA · AS 1271 · API 527

HEAT TREATMENT

Site PWHT and preheat with six power units and ceramic pads rated to 1050 °C, and an 800 × 800 × 1200 mm workshop kiln to 1200 °C. Every cycle charted, with digital logging.

- 4 × 65 kVA · 2 × 50 kVA







PROJECTS

TRUSTED ON AUSTRALIA'S BIGGEST ENERGY PROJECTS.

INPEX

Onshore LNG plant, Darwin. Inspection and testing across pressure systems and structural assets.

CONOCOPHILLIPS

Darwin LNG: pressure systems inspection and certification across the facility.

WOODSIDE ENERGY

Phase IV onshore campaign. Inspection services across multiple asset classes.

SAFER

International field inspection in Yemen, showing our reach well beyond Australian shores.

TANAMI

Remote-site inspection and testing campaign work in the Tanami region.

FPSO CAMPAIGNS

Montara · Challis · SKUA · Jabiru · Buffalo. Offshore inspection and rope access campaigns.

DITS

DARWIN INSPECTION & TESTING SERVICES

SERVICE COVERAGE

AUSTRALIA | ASEAN | MIDDLE EAST

ACCREDITATIONS

NATA 12303 | ISO 9001 | DNV | API | AICIP | NACE | AINDT | PCN | CSWIP | IRATA

CAPABILITY BROCHURES

- PAUT corrosion mapping
- PAUT & ToFD welds
- Radiography
- Surface methods
- Eddy current
- PMI
- Piping, tanks & vessels
- Hydrostatic testing
- PRV testing
- Heat treatment
- Pad eye & load testing
- Welder qualification
- Coatings inspection
- Rope access

NEED DEFENSIBLE INSPECTION RESULTS, FAST?

Swift reporting, round the clock.



WHAT CLIENTS SAY

> "DITS staff are supportive and helpful. They go above and beyond to provide a brilliant service. I highly recommend them for all your testing and inspection needs."
>
> **MICK CAREY** Managing Director (Defence)

> "Jon and his team at DITS provide an outstanding Non-Destructive Testing service. They have quick turnarounds and reasonable prices."
>
> **MARK KING** Darwin Operations Manager (Defence)



Continuously NATA accredited since 30 September 1996.

GET IN TOUCH

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