



CAPABILITY STATEMENT

MTIS Group delivers world-class, locally executed industrial projects, life-cycle services, and critical product fulfilment for the resources sector.

Our engineered turn-key solutions span industrial fluids management, pipelines and instrumentation, security control and process automation, as well as bulk resource safety solutions, including fire suppression.

We support your operation 24/7/365 with our team of local engineers and seasoned industry professionals.

We also warehouse best-of-breed replacement products to minimise your business risk, either in Port Moresby or at your worksite.

MTIS Group has supported mining, construction, petrochemical, and significant civil infrastructure worksites in Australia since 2006. We have had a dedicated presence in Papua New Guinea since 2016.

WHAT WE DO



Communications ✓ **Integrity** ✓ **Quality without Compromise** ✓

MTIS has developed all of its core capabilities in-house to serve PNGs industrial operations. For assured project success, site maintenance outcomes and reliable product distribution, we invest in the best people and constantly work to enhance our local technical expertise.



Projects

We engineer, procure, build, commission, and optimise industrial fluid management processes for logistically challenging worksites.

- Mechanical & Electrical Engineering
- Fuel Receiving & Dispensing Facilities
- Structural & Pressure Piping Installs
- Bulk Fluid Storage & Mobile Tanks
- Floating Hose / Tanker Filling
- Hydrocarbon Facility & Fleet Safety
- Modular - Ready to Deploy Solutions
- Hydraulic Hose Workshop Containers



Services

We enable superior safety, efficiency, and environmental outcomes from all fluid handling processes, on the water, in the pit, and underground.

- Pipeline Inspection & Pressure Testing
- Contract Fabrication & Coatings
- Flange Management and Bolting
- Pipework Cleaning / Flushing
- Hydraulic Power Units / Testing / Repairs
- Instrument & Equipment Calibration
- Hydraulic Hose Management Solutions



Products

We supply industry-leading brands of hydraulic, industrial, and petrochemical management products.

They are stored in-country, ready when you need them, and fulfilled via our excellent local logistics capabilities.

We ensure the availability of all your hose, fittings, instrumentation, pumping, filtration, and consumable needs.



Banlaw are the trailblazers in unified fuel management with expertise spanning fleets and facilities. They are renowned for infallible fuel security solutions, precise levels monitoring technologies, access control, and multi-fluid usage reporting.



Pirtek provides hydraulic and industrial hose solutions, specialising in reducing equipment downtime and improving productivity through fast, reliable on-site service and support. Backed by a global network, Pirtek delivers expert services to keep critical systems running.



Victaulic address intricate piping challenges and in our opinion, produce the world's best pipeline couplings. Their technologies maximise project implementation efficiency, allow simplified maintenance and ensure long-term pipeline operability and safety.



Graco produce superior lubricant pumping, fluid handling and workshop solutions. Their lube pumps are trusted worldwide, and their automated lubrication controllers, grease and oil injectors keep most of the world's industrial operations functioning smoothly.



PROJECT OVERVIEWS

Fuel Facility – EPC Project / Turnkey

Location – Gulf Province

Barge loading/unloading, automated bulk storage controls, helicopter dispensing, plus LV & HV dispense management:

- Electrical & Mechanical Engineering
- Fabrication of Structural Steel & Pipe Spooling
- Structural, Mechanical, & Piping
- Installation & Commissioning
- Buried Services
- Electrical & Instrumentation
- Blasting & Paint
- Load Testing
- Procurement & Logistics





Santos Export Line Replacement – Procurement / Construction / Commissioning

Location – Gulf of Papua

Floating pipeline hose replacement program for tanker filling:

- Hose Management and Onshore Testing to OCIMF
- End-of-Life Testing
- Testing and Preservation
- Controlled Bolting
- Integrity Management
- Commissioning
- Test Pack Methodology Development
- Logistics



Santos Fabrication Campaign

Location – Port Moresby

Pigging receiver pipework, tank replacement and structural services:

- Fabrication GTAW, SMAW to ASME IV, ASMEB31.3 & APISTD 12F
- Blasting and Coating
- NDT – UT/RT/MPO
- Controlled Bolting
- Pressure Testing
- MDR Pack with Full Traceability



Clough Pressure Testing

Location – Port Moresby

NiuPower station pipework and valves pre-commissioning services:

- Hydrostatic Pressure Testing
- Nitrogen Preservation & Testing
- Chemical Cleaning
- Passivation
- Velocity Cleaning
- Oil Flushing



SERVICES OVERVIEW

Pipeline and Pressure Testing

MTIS offers a wide range of pipeline services including preservation, pigging and flushing using various mediums from water, nitrogen and air to hydrocarbons and cleaning solutions.

With extensive experience managing projects across Australia and Papua New Guinea, our team also offers strength, yield and leak testing on piping of various materials including polyethylene, MSCL and carbon steel, using a range of Specialised equipment.

- Pigging
- Gauging
- Flushing
- Pressure Testing
- De-watering
- Drying & Preservation
- Commissioning
- QA/QC Documentation
- Test packs

MTIS Specialises in pressure, leak and destructive testing services both on and off site. Our technicians are extensively experienced having worked across a range of oil, gas, LNG and petrochemical projects throughout the Asia-Pacific. Our capabilities include flange management, test pack creation and hydrostatic testing.





Fuel Management Systems

As a long-term partner to Banlaw, MTIS PNG extends its fuel management capabilities beyond system integration by delivering custom-engineered solutions to meet the unique challenges of the PNG market. In addition to Banlaw's unified Fuel Management Systems, MTIS designs and fabricates specialised fuel polishing and filtration skids, provides tanker servicing and calibration, and supplies critical fuel handling components for safe and efficient operation in remote and industrial environments.

From concept to commissioning, our team delivers reliable, site-ready fuel infrastructure built to withstand demanding operating conditions.

Key Capabilities:

- Custom-designed fuel filtration and polishing skids (duty/standby configurations)
- Inline filtration solutions for high-volume diesel transfer
- Fuel tanker servicing, flow meter calibration and maintenance
- Supply of Banlaw and compatible dry break nozzles, receivers and refuelling hardware
- Integrated support for design, installation, and on-site commissioning



SERVICES OVERVIEW

Engineering, Manufacturing & Coatings

MTIS PNG offers end-to-end manufacturing services, including in-house design, engineering, fabrication, and finishing, delivering fit-for-purpose solutions tailored to the demanding requirements of the mining, oil & gas, and industrial sectors in PNG. From concept and design to pressure welding and high-performance coatings, our team delivers reliable, compliant, and site-ready infrastructure built to perform in harsh and remote environments.

Capabilities:

Design & Engineering:

- Custom mechanical design and drafting.
- FEA analysis for structural integrity.
- Tailored solutions built to client specifications.

Fabrication & Welding:

- Heavy structural and pressure piping fabrication.
- MIG, Stick, and TIG welding (including stainless pipe welding)
- Weld procedures with full traceability and documentation.

Surface Prep & Coating:

- In-house sandblasting and surface preparation.
- Protective coatings using Akzo Nobel's International marine and offshore systems.
- Durable finishes built for harsh PNG environments.





Hydraulic Hose Manufacturing

MTIS PNG supplies a full range of hydraulic hoses and fittings, including the local manufacture of hose assemblies to support equipment maintenance across the mining, oil & gas, and construction industries in PNG. In partnership with Pirtek, we provide reliable hose solutions tailored to the harsh conditions of PNG worksites.

Key Capabilities:

- Local manufacture of hydraulic hose assemblies.
- Full range of 2-wire & multi-spiral hoses kept locally.
- Wide range of thermoplastic, and specialty hose types.
- Hydraulic hoses from 1/4in up to 2in ID.
- Wide range of hose fittings and adaptors, including CAT & Komatsu flanges kept locally in PNG.
- Pressure testing and NATA traceable certificates.
- Rapid turnaround to reduce downtime.
- Pirtek hose & Fittings ensure trusted quality, built for demanding conditions.
- Containerised hose manufacturing solutions for remote site support, including design, supply and training.



Composite Hose Manufacturing

MTIS PNG manufactures and supplies a full range of composite hose assemblies locally, supporting critical fuel and chemical transfer applications across PNG. In partnership with Convoluted Technologies Australia, we offer high-quality, compliant hose solutions built for demanding environments.

Key Capabilities:

Code 1000, Code 901, Code 700, and Code 400 vapor recovery hoses

- Wide range of camlock fittings (aluminium, stainless steel, jet fuel)
- Hydrostatic and electrical testing for compliance and traceability
- Fast local assembly and reliable stock availability



PRODUCTS OVERVIEW

Hydraulic



Hydraulic Hose



Fittings



Couplings



Motors



Pumps



Valves

Industrial



Industrial Hose



Fittings



Valves



Clamps



Pipe Systems



Flanges

Filtration



Bulk



Hydraulic



Engine



Marine



Strainers



Portable

Instrumentation



Pressure Gauges



Sight Glasses



Diagnostics



Digital Gauges



Fittings



Torque



Fuel



Nozzles



Hose Reels



Pumps



Breathers



Fast Fill



Flow Meters

Oil



Hose Reels



Dispensing Systems



Transfer Pumps



Pumps



Control Nozzles



Drum Kits

Grease



Grease Guns



Injectors



Pumps



Dispensing Equipment



Drum Kits



Autolube Systems

CALIBRATION CAPABILITIES

Empowering Precision and Reliability Across Industries

MTIS offers a range of metrology, calibration and repair services across a wide range of industries. All certification and calibration services are carried out in accordance with the relevant ISO or Australian standards using the highest quality equipment. Our capabilities cover a wide range of instruments and we can offer traceable asset management services to cater for any client's requirements.

Key Features and Benefits:

Safety & Compliance: Regular testing prevents hazards and helps achieve compliance to international standards.

Operational Efficiency: Minimise downtime with our reliable calibration and maintenance services.

Accuracy & Traceability: Ensure repeatable and precise measurements with calibration traceable to international standards.



Pressure Instruments

MTIS specialises in the calibration of Pressure Instruments, offering both on-site and laboratory testing services. Whether it's Analog, Vacuum, or Digital Gauges, Pressure Transducers, Transmitters, Chart Recorders, Mud Gauges or Torque Gauges, we offer the highest level of quality and precision.

Capabilities:

Range and Precision: Calibration of vacuum instruments as well as pressure instruments up to 2700bar.

Transducers and Signal Calibration: Calibration of electronic transducers, switches, and transmitters using 4–20mA signals.

Compliance and Testing: Testing aligned with MSA methods 1 & 2 and AS 1349.



Pressure Relief Valves & Safety Relief Valves

At MTIS Group, we understand the critical importance of pressure relief valves in safeguarding your equipment and personnel. Regular service and calibration is essential to ensure they continue to function correctly.

Capabilities:

Service: Extensive experience repairing & refurbishing a wide range of valves.

Setting and Adjustment: Precise setting of relief pressure.

Calibration & Testing: Calibration with detailed reports of results.

Range: Servicing of vacuum relief valves & pressure relief valves up to 2700bar.

Test Mediums: Oil, Water, Air or Nitrogen.

Standards: Testing and Reporting in accordance with AS 1271 and API RP 576.





Electrical Calibration Service

MTIS Group are committed to providing the highest quality and measurement accuracy across our range of electrical calibration services, giving you confidence in the accuracy of your test instruments and ensuring the consistency and quality of your operations.

Capabilities:

Multifunction Electrical Calibration: Using our Time Electronics 5025C, we calibrate voltage, current, resistance, and frequency instruments with high precision.

- DC Voltage: up to 1050 V
- AC Voltage: up to 1050 V
- DC Current: up to 1100 A
- AC Current: up to 1100 A
- Resistance: up to 1.1 GΩ
- Frequency: 10 Hz to 10 kHz
- Capacitance: 100 μF
- Inductance: 10.000 H
- Conductance: 1.000 nS
- Frequency: 1 MHz to 10 MHz



Hydraulic & Pneumatic Torque Tools

With a focus on accuracy and dependability, MTIS Group, in partnership with Norbar, Enerpac and RAD Torque, offer torque calibration services to help you maintain tool performance, and operational safety.

Capabilities:

High-Capacity Torque Calibration: Using our Norbar T-Box system and certified torque transducers, we offer precise calibration of all hydraulic and pneumatic torque tools.

- Torque Range: up to 50,000 Nm
- Tool Types: Hydraulic torque wrenches, pneumatic torque tools, and high-capacity bolting systems.
- Transducers: 7,000 Nm and 50,000 Nm, ensuring high-resolution measurement across a wide torque range.



Hand Torque Tools

MTIS Group offers comprehensive calibration services for hand-operated torque tools, helping ensure measurement accuracy, traceability, and compliance with industry standards.

Capabilities:

Hand Torque Tool Calibration: In partnership with Norbar, a global leader in torque technology, we provide precise calibration of manual torque wrenches and screwdrivers.

- Torque Range: up to 1,500 Nm
- Tool Types: Click-type wrenches, dial and beam wrenches, and torque screwdrivers.
- Standards: Calibrations traceable to international standards, with full documentation.



Dimensional Measurement Equipment

MTIS Group provides accurate and traceable dimensional calibration services to ensure your measurement tools maintain precision and reliability across industrial applications.

Capabilities:

Dial Gauge Calibration: Accurate calibration of dial indicators to maintain precision in mechanical measurements.

Micrometer Calibration: Calibration of internal and external micrometers for high-accuracy thickness and diameter measurements.

Vernier Caliper Calibration: Verification and calibration of Vernier calipers to ensure consistent and reliable length measurements.



Pump Packs & Hydraulic Tooling

As an official Enerpac Service Centre, MTIS PNG offers expert servicing, repair, and system integration for a wide range of high-pressure hydraulic and pneumatic equipment. Our technicians are trained to support both Enerpac tools and equipment from other leading brands, delivering reliable solutions for demanding industrial applications.

Capabilities:

Hydraulic Tool & Cylinder Repair:

- Repair of hydraulic jacks and high-force tools.
- Service of hydraulic hand pumps up to 4000bar.
- Genuine Enerpac parts and procedures.
- Testing and certification to ensure safe, reliable performance.

Pump Rebuilds & Testing:

- Rebuilds of pneumatic and hydraulic pump packs.
- Extensive experience with a wide range of brands.
- Pump repairs and rebuilds.
- Full traceability and service reports.

System Design & Construction:

- Custom pump packs, skids, and test rigs.
- Full range of high pressure valves and fittings.
- Built-to-spec solutions for bolting and testing.
- Engineered for harsh and remote environments.





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