

Territory Instruments



2017

CAPABILITY STATEMENT

INDUSTRIES SERVED

DEFENCE | CONSTRUCTION & ENGINEERING | CLEAN
ENERGY | MINING | OIL, GAS & ENERGY | WATER

Company Details

Address: 1/4 Roni Court
WINNELLIE NT 0820 Australia

Ph: +61 8 8947 5450

Email: info@territoryinstruments.com

Web: www.territoryinstruments.com

Employees: 16

ABN: 36 077 657 900

ISO 9001:2008 Quality Management System

AS/NZS 4801:2001 Safety Management System

OHSAS 18001:2007 Occupational Health & Safety System

AS/NZS ISO 14001:2004 Environmental Management System

NT CAL Accredited

NT Electrical Contractor C1847

WA Electrical Contractor EC11915

Contacts

Mr Rob Priest
Project Manager
Ph: 61 08 8947 5450
Mob: 61 04 1994 6659
Email: rob@territoryinstruments.com

COMPANY PROFILE

Core Competencies

Territory Instruments specialises in process control optimisation via instrumentation and electrical engineering support from the feasibility stage through to maintenance and modification of existing plant and equipment. Our services are tailored to match client's specific needs, consistent with international standards and hands on approach ensure prompt delivery and high level of customer satisfaction.

History

Territory Instruments was formed in the year 2000 and is NT owned and operated. We employ professional, component staff as well as partaking in apprenticeship training to bring new, skilled individuals in to the field. We primarily focus on the regions industrial instrumentation and process control engineering requirements.

Territory Instruments office is located in Darwin and facilitates sales and service throughout the entire NT region.

Vision

To be a market leader within our specialised field.

Mission

We are committed to developing our people and to ensuring we maintain the highest quality standards in instrumentation service and supply.

Safety Statement

Safety is an essential value at Territory Instruments. We pride ourselves on our strong safety culture this is reflected in our achievement of no loss time injuries since 2008. However, we are never complacent and realise safety is a journey of constant improvement. We strive for an injury and incident free environment

Territory Instruments utilises both AS/NZS 4801:2001 and OHSAS 18001 certified safety systems.

CAPABILITIES AND CAPACITY

Maintenance Services

Territory Instruments has a long history of providing comprehensive maintenance services to our clients in the Energy, Defence, Utility and Mining sectors. Our capabilities cover:

- Maintenance engineering
- Implementation of planned and corrective maintenance
- Electrical equipment in hazardous areas inspections
- Safety critical function testing
- Thermography
- Supply of test equipment.

Maintenance Engineering

Territory Instruments maintenance engineering services include:

- Development and as building of Facility Asset Register
- Criticality analysis
- Development of equipment maintenance strategies
- Development of planned maintenance routines
- Development of spare parts holding strategy, analysis and selection
- Root cause failure equipment analysis
- Maintenance optimisation to minimise opex and improve maintainability, reliability and availability.

Implementation of Planned and Corrective Maintenance

Territory Instruments Maintenance Implementation services includes:

- Supply of trades and specialist labour
- Safety critical function testing
- EEHA Inspection and remediation
- Subcontractor management
- Purchasing of parts and materials
- Supply of test equipment

Electrical Equipment in Hazardous Areas (EEHA)

Territory Instruments provides professional services for EEHA including:

- Compilation, verification and maintenance of hazardous area dossiers
- Development of EEHA maintenance strategies
- Installation of EEHA
- Implementation of EEHA maintenance strategies

Territory Instruments also specialise in maintenance optimisation of EEHA utilising Risked Based Inspection methodology compliant with AS60079.14. The RBI approach ensures equipment is inspected based on the risk of failure or non-compliance and specifies the level and frequency of inspection Thus improving facility safety and minimising opex.

Safety Critical Function Testing

Territory Instruments provides professional services to function test Safety Instrumented Systems (SIS) and Fire and Gas Systems (FGS). Our services include:

- Implementation of Safety Critical Function Testing (SCFT) planned maintenance routines
- Development of SIS maintenance strategies to ensure compliance with AS61508 and AS61511 as well as facility safety case and performance standards
- Function testing of fire and gas systems
- Supply of NATA certified and NATA traceable test equipment
- Supply of calibration gas for FGS testing.

Thermography

Territory Instruments provides professional thermography services for:

- o Commissioning of electrical equipment to establish baseline data
- o Condition monitoring of electrical equipment in commissioning and operational phase to identify potential equipment failures or performance degradation
- o Provide detailed reports to the client including analysis and recommendations based on historical and current inspection data
- o Sale and hire of thermography equipment.

Instrument Calibration

Territory Instruments has a dedicated instrument calibration facility located at its main office in Winnellie. On site calibrations can also be undertaken by our field technicians. All calibration equipment is NATA certified on an annual basis.



Instrument Sales

The great diversity of products found in the mining, oil and gas and manufacturing industries have led us to establish strong supply relationships with most the reputable manufacturers to cover any customer requirements.

We are proud to be the authorised Northern Territory distributor of:



Control, on-off and emergency shutdown (ESD) valves
Intelligent positioners
Intelligent condition monitoring



Transducers
Precision Switches
Industrial Sensors



Process Control
Air Velocity
Flow



Worldwide leading manufacturer of portable measuring instruments.



Valves & Fittings



Australia's leading manufacturer of instrumentation for pH, Redox, Conductivity, Salinity, Dissolved Oxygen, & Turbidity.



Australia's leading supplier of electronic & electrical test & measuring instruments.



Gas monitoring equipment.



Worldwide manufacturer of fixed Level, Pressure, Temperature, Flow & Analytical instruments.

Instrument Rental

Territory Instruments has a rental instrument fleet of over 60 items covering all industries at its main office in Winnellie. All instruments are supplied complete with certification and hard case for easy transport and are available for hire on a per day, week or monthly basis.

Examples below:



Testo 340 Gas Emissions Analyser



Metrel 3125B Electrical Installation Tester



Greyline PDFM 5.0 Portable Doppler Flow Meter



Seaward PV 100 Solar Installation Tester



Aemc 3945 Power Analyser

Instrument Installation

Territory Instruments can undertake instrument installations at both existing facilities and greenfield sites. Instrumentation and electrical project teams can be deployed to remote sites where required.

Engineering

We have been involved in instrument projects from design, specification, selection and supply to installation, calibration, commissioning and maintenance. Engineering Services provided:

- Design
 - MCC
 - Control Panels

- Equipment Schematics
- Instrumentation Loops
- P & IDs
- Document Preparation
 - Functional Descriptions
 - CAD
 - Service / Operator Manuals
 - Technical Manuals
 - Testing Documentation
 - Specifications
- Project Management
 - Installation Supervision
 - Testing & Commissioning
 - Project Implementation
 - Equipment Procurement
 - Contract Engineering

PLC & SCADA Systems

Territory Instruments designs, programs and commissions systems in accordance with project requirements using a range of products:

	Operating and Monitoring Software
	Safety Engineering Software
	RTU Software
	PLC Software
 	PLC Software
	

Territory Instruments staff partakes in ongoing training and are equipped with the necessary hardware to undertake field and remote programming. The company is part of the Rockwell Automation System Integrator group.

Design & Manufacture of Switchboards & Control Panels

Territory Instruments designs and manufactures electrical and instrumentation solutions including the following:

- Control panels
- Main switchboards
- Distribution switchboards
- Metering switchboards
- Pump station switchboards
- Motor control centers
- Mechanical services switchboards
- Power factor correction switchboards



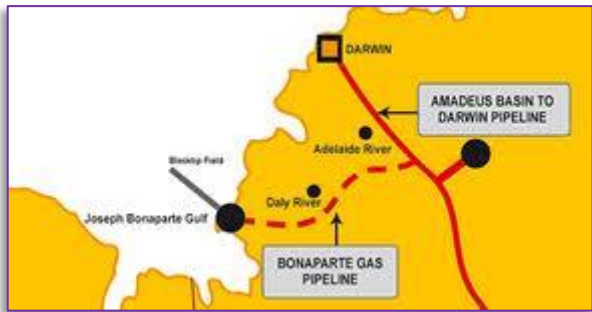
PROJECT SHOWCASE

Darwin RAAF Base Fuel Farm Seven

Instrumentation & Electrical including PLC & SCADA Systems



Bonaparte Gas Pipeline
Instrumentation & Electrical



Darwin Coonawarra Naval Base Fuel Farm
Instrumentation & Electrical



Darwin Biodiesel Plant
Instrumentation



Previous Significant Projects

2007
Front Puffin FPSO
\$400,000
Client: Aibel
Inlec Maintenance.
Critical function testing.

2007
Weddell Gas Pipeline
\$200,000
Client: APA
Instrumentation

2008
DLNG Dangerous Goods Facility
\$400,000
Client: Sitzler
Electrical & Instrumentation

2008
Bonaparte Gas Pipeline
\$900,000
Client: Aj Lucas
Electrical & instrumentation

2008
Helium Plant
\$200,000
Client: Sitzler
Electrical services

2009
DLNG - PWC Gas Pipeline
\$700,000
Client: Monadelphous
Electrical & Instrumentation

2009

Wickham Point Gas Pipeline

\$200,000

Client: APA

Electrical & Instrumentation

2010

Bayu Undan Drizo Hydrocarbon Removal Skid

\$50,000

Client: Universal Engineering

Electrical & Instrumentation

2010

Darwin Naval Fuel Installation

\$1,000,000

Client: Thomas & Coffey

Design and manufacture main switchboard, main distribution board, power factor correction panel and fire MCC

2010

Coonawarra Naval Base

\$250,000

Client: John Holland

Design and manufacture two instrument control panels

2011

Darwin RAAF Base Fuel Farm Seven

\$2,000,000

Client: Macmahon

Design and manufacture two MCCs and instrument control panel

2012

Montara FPSO

\$2,500,000

Client: PTTEP

Electrical Equipment in Hazardous Area Inspections

Ongoing 2012 -

2012

Northern Endeavour FPSO

\$3,000,000

Client: Woodside Energy

Provision of Inlec maintenance.

Ongoing 2012 -

2015

Wickham Point - Inpex Gas Pipeline

\$75,000

Client: McConnell Dowell

Electrical & Instrumentation

© 2016 Territory Instruments. All rights reserved.

The information contained in this document represents the current view of Territory Instruments on the issues discussed as at the date of this publication. Because Territory Instruments must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Territory Instruments and Territory Instruments cannot guarantee the accuracy of any information presented after the date of publication. Other product or company names mentioned herein may be the trademarks of their respective owners.