

Territory Instruments

*Electrical Instrument and
Process Control Engineers*



*Company
Profile*



Territory Instruments was formed in the year 2000 and is locally owned and operated. We employ professional, experienced and skilled staff as well as passing on our knowledge to our apprentices. We primarily focus on the regions industrial instrumentation and process control engineering requirements.

We specialise in process control optimisation via instrumentation and electrical engineering support form 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.

Territory Instruments is dedicated to being an industry leader in our field of expertise. Our office in Darwin is located to facilitate sales and service throughout the entire NT Region.

Being involved in instrument projects form design, specification, selection and supply to installation, calibration, commissioning and maintenance.

We offer services in the following areas:

- Process measurement and control systems design, installation, problem analysis, maintenance and repair.
- Calibration of measuring and control instruments with NATA certified equipment.
- Control system design, installation, problem analysis, maintenance and repairs.
- Energy audits
- Protection relay testing and setting
- Thermo graphic surveys
- Design of process control, plant drive and industrial lighting layouts.
- Design and implementation of P.L.C. programmes and networks.
- Project management services from project planning to direct project control.
- Automating existing plants, processing, power generation, using PLC systems interfacing to SCADA systems.

- Manufacture of custom built machine control systems.
- Supply and installation of computer control systems.
- Control system upgrades form relay logic to PLC logic.
- Control system audits
- Test equipment calibration
- Electrical contracting
- Instrument hire

The great diversity of products found in the mining, oil and gas and manufacturing industries has lead us to establish strong supply relationships with most reputable manufacturers to cover any customer requirements. We are proud to be the authorised Northern Territory distributor of:

- George Fisher Signet
- United Electric
- Temperature Controls
- GE Fanuc
- Endress + Hauser
- Industrial Scientific
- Foxboro
- Ambit Instruments
- Burkert Fluid Control Systems
- Eurotherm
- Emmerson
- Dwyer
- Metso Automation

Our company holds a current Electrical Contractors Licence, no: C1847, which enhances our ability to offer complete process control solutions.

We have a comprehensive range of process calibration equipment enabling us to perform in-house or on-site checks for pressure, temperature, level and electrical parameters.

NATA and quality assurance certification is available.

Territory Instruments Darwin based workshop also offers a wide variety of instrument hire - multimeters, tachometers, electrical appliance tester, clamp meter, pressure calibrators etc. All equipment is tested and calibrated to meet all customer requirements.

Our company has provided labour support for projects throughout Australia, Timor Leste and Indonesia. Rates for engineers, supervisors and technicians are available upon request for any situation.

Our staff have completed first aid, confined space, elevated work platform and helicopter underwater emergency training courses.



Completed Projects

- **DLNG – PWC Gas Pipeline Darwin NT :**
Instrument electrical security and communications installation
- **Darwin LNG Plant Darwin NT :**
Provision of instrument technicians for shutdown
- **Helium Plant Darwin NT :**
Buildings electrical services
- **Wickham Point Gas Regulation Station Darwin NT :**
Instrument installation
- **DLNG Dangerous Goods Facility Darwin NT :**
Electrical fire detection and security installation
- **Bonaparte Gas Pipeline NT :**
Electrical and instrument installation
- **Front Puffin FPSO Timor Sea :**
Critical systems function testing
- **Brewer CNG Plant Alice Springs NT :**
Instrument calibrations
- **Darwin LNG Plant Darwin NT :**
Manufacture and installation of instrument panels for N2 injection
- **Karratha LNG Plant Karratha WA :**
Flowmeter commissioning for train 5
- **Weddell Gas Metering Station Darwin NT :**
Instrument and lightning protection installation
- **Channel Island Power Station Darwin NT :**
Design and installation of boiler water instrument panel
- **Weddell Power Station Darwin NT :**
Instrument installation
- **Channel Island Power Station Darwin NT :**
Design supply and installation of turbine fire and gas panels

- **Pine Creek Power Station Pine Creek NT :**
Instrument calibration
- **Ranger Mine Jabiru NT :**
Installation of fixed gas detection system
- **Vopak Fuel Farm Darwin NT :**
Supply and installation of instrument tubing
- **Royal Darwin Hospital Darwin NT :**
Design manufacture and installation of emergency power switchboard
- **Biodiesel Plant Darwin NT :**
Instrument and control system commissioning
- **Tindal RAAF Base Katherine NT :**
Supply and installation of fuel farm level transmitters
- **Frances Creek Mine Pine Creek NT :**
Weightometer calibrations
- **Buffalo FPSO Timor Sea:**
Hook up of well head control valves to control panel
- **Jabiru FPSO Timor Sea:**
Provision of instrument and electrical technicians during shutdown
- **Palm Valley Gas Plant Palm Valley NT:**
Installation of instrumentation and electrical equipment
- **Troughton Island Timor Sea Aviation Base:**
Power station upgrade
- **Royal Darwin Hospital Darwin NT:**
Staff accommodation lighting upgrade stages one and two
- **NT Government House Darwin NT:**
Lighting upgrade
- **Larrakeyah Barracks Darwin NT:**
Installation of building management system for officers mess building
- **Challis FPSO Timor Sea:**

Instrument and electrical equipment hazardous area survey

- **NT Department of Arts Darwin NT:**
Security lighting
- **Timor Telecom Main Exchange Dili Timor Leste:**
Automation of emergency power system
- **Cutta Cutta Caves Katherine NT:**
Automation of cave lighting system
- **Kidman Springs Station NT:**
Design and installation of generator control system.
- **Palmerston High School Palmerston NT:**
Switch boards modifications
- **Howard Springs Primary School Howard Springs NT:**
Lighting upgrade
- **Alice Springs Hospital Alice Springs NT:**
Installation of exit and emergency lights
- **Darwin High School Darwin NT:**
Lighting Upgrade.

Contact Details

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