

Capability Statement

30 Apr 2019

POWERTECH PTY LTD



INDUSTRIES SERVED

CLEAN ENERGY

CONSTRUCTION &
ENGINEERING

DEFENCE

MINING

OIL, GAS & ENERGY

PROFESSIONAL
SERVICES

RAIL

RETAIL, TRADE AND
OTHER SERVICES

WATER

Company Details

Address: Unit 6, 8 Hasler Road
OSBORNE PARK WA, 6017 Australia

Ph: +61 8 9244 4477

Fax: +61 8 9244 4478

Email: info@presentgroup.com.au

Web: www.presentgroup.com.au

ICN Gateway Company ID: 75697

Employees: 120

ABN: 16 081 990 052

Locations: 5

NT CAL Accredited: Yes

Contacts

Mr Kaine Weighell

Ph: +61 8 9244 4477

Mob: +61 4 1995 1646

Email: kaine.weighell@presentgroup.com.au

Mr Michael Freeburn

Ph: +61 8 9244 4477

Email: michael.freeburn@presentgroup.com.au

Present Group assists owners, operators, consultants, constructors and vendors - in combining their key skills with those of Present Group's to achieve complete potential through and asset's entire life cycle.

Summary

Present Group, headquartered in Australia, is an international enterprise offering a range of services including calibration, inspection, testing, commissioning, engineering, operation, maintenance and shut down services to the energy, resourcing and defence sectors.

With a client base comprising many of the world's largest blue chip energy, resources and utility companies and a project portfolio that includes renewables, power stations, desalination, platforms, refineries, mines, ports and rail.

Description

Present Group offers the following capability:

Powertech Services: Specialist high voltage and low voltage asset testing and commissioning services in project or maintenance environments

- HV Relay Protection Testing
- CT Testing
- VT Testing
- Circuit Breaker Testing
- Transformer Testing
- Transformer Filtration / Oil Sampling
- Rotating Machines Testing
- Protection Scheme Testing
- High Voltage Cable Testing
- Switchboard Testing
- Earth Grid Testing
- Thermographic Survey
- Power Generation Commissioning
- Power Management System Commissioning
- E-house Commissioning & Testing
- Partial Discharge Testing
- Substation Commissioning & Testing
- Switchyard Commissioning & Testing
- Condition Monitoring
- Asset Management
- HV Auditing
- HV Competency Training

Powertech Operations and Maintenance: High Voltage and electrical/instrumentation asset management solutions.

- HV Asset Management
- HV Asset Maintenance
- HV Asset Operations
- HV Asset Reliability Engineering
- HV Asset Root Cause Analysis
- HV Auditing / Inspections
- E&I Asset Management
- E&I Asset Maintenance
- E&I Asset Operations
- E&I Asset Reliability Engineering
- E&I Asset Root Cause Analysis
- Gas Pipeline Maintenance
- Shutdown Campaigns

Powertech Engineering: Electrical engineering solutions through power systems studies, design, analysis and consulting. Powertech Engineering Services can offer the following services:

- Protection Coordination Studies
- Load Flow Analysis Studies
- Short Circuit Analysis Studies
- Harmonic Analysis Studies
- Motor Starting Analysis Studies
- Transient Stability and Fault Recovery Studies
- Arc Flash Studies
- Earthing Design Analysis Studies

Studies

- Economic Feasibility Studies
- Technical Feasibility Studies
- FEED and Detailed Engineering Design
- Protection and Metering Scheme Design and Upgrades
- Relay Configuration and Settings
- Commissioning and Test Plan development
- QA/QC documentation
- Asset Reliability Engineering
- Consulting Services
- Scope of Work and Project Framing
- Regulatory Standards review and advice
- Drafting Services

Seamless Resourcing: Multi-disciplined commissioning, shutdown and maintenance services resourcing.

- Multi-disciplined Commissioning Teams
- Completions Specialists
- Shutdown Campaigns
- Commissioning Management Systems
- Hazardous Area Auditing

Precise Calibrations: Provides calibration of equipment and instruments. Precise Calibration have calibration laboratories in Perth and Brisbane offering traceable calibrations to Australian National Standards. All calibration reports are issued in compliance with ISO/IEC 17025 and we are able to offer fast turnaround times. Precise Calibration also offer

a range of on-site calibration, repair, and safety testing services to complement our fixed lab services. Our service covers the following fields:

- Electrical Test and Measurement Equipment – LV and HV
- Temperature – Direct and Infrared
- Pressure Calibrations – Pneumatic and Hydraulic
- Dimensional Calibrations
- HV PPE Testing
- Torque Wrench Calibration
- Mobile Calibration Facilities.

Precise Equipment: Provides hire, sales and complete equipment asset management solutions.

We can provide complete customised project packages including 24 hour on site manned equipment facilities, equipment management and maintenance services, and long term supply/maintenance contracts.

Whether you simply need to fill an unexpected need at short notice or would prefer a specialist to plan and provide all the equipment for your campaign or frontline maintenance, Precise Facilities have the expertise, experience and equipment to help in the following areas:

- Electrical
- Environmental
- General industrial
- Mechanical
- Instrumentation
- Safety equipment

Associations

- > Mining and Equipment Services Council of Australia (MESCA)

Products & Services

- > Electrical engineering protection studies, arc flash studies, earthing studies and detailed design.
- > Specialist electrical services: Condition Monitoring, Transformers, Motors, Cables, Protection, Switchgear, SF6, Earthing.
- > Provision of Electrical, Inlec, EEHA technical shutdown labour.
- > Operation and maintenance of HV networks and instrumentation installations.
- > Calibration - NATA: Electrical, Pressure, Temperature, Dimensional, Torque, PPE.
- > Test Equipment rental (hire), sales asset management and supply chain.

Accreditations

- > ISO9001
- > AS-NZS 4801

Industries Served

- > Clean Energy
- > Construction & Engineering
- > Defence
- > Mining
- > Oil, Gas & Energy
- > Professional Services
- > Rail
- > Retail, Trade and Other Services
- > Water

Facilities and Equipment

- > Calibrations Lab
- > Offices
- > Test Equipment (replacement value \$12 Million)
- > Workshop Facilities

Major Clients

- > ABB
- > ALS Global
- > Australia Pacific LNG
- > Apache
- > APLNG
- > Bechtel
- > BHP Billiton
- > BP
- > Caltex
- > Chevron
- > Clarke Energy
- > Conoco Phillips
- > Coates Hire
- > CPB
- > CS Energy
- > Downer Group
- > Dyno Nobel
- > Energex
- > Fortescue Metals Group
- > General Electric
- > Granite
- > Iluka
- > Incitec Pivot Limited
- > Monadelphous
- > Origin Energy
- > Perth Transport Authority
- > PTTEP
- > QGC
- > Quadrant
- > Rio Tinto
- > Santos
- > Shell Australia
- > Siemens
- > Territory Generation
- > Thiess
- > UGL
- > Western Power
- > WICET
- > Woodside Energy
- > Wood Group PSN
- > Worley Parsons



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