

Capability Statement

01 Aug 2019

GUNDI CONTRACTING PTY. LTD.

INDUSTRIES SERVED

CLEAN ENERGY

CONSTRUCTION &
ENGINEERING

IT &
COMMUNICATIONS

OIL, GAS & ENERGY

PROFESSIONAL
SERVICES

RAIL

RETAIL, TRADE AND
OTHER SERVICES

WATER

Company Details

Address: 4 Clive Street
West Perth WA, 6005 Australia

Ph: +61 8 9497 1628

Email: langton@gundicontracting.com.au

Web: www.gundicontracting.com.au

ICN Gateway Company ID: 149175

Employees: 10

ABN: 44 615 284 010

Locations: 2

Local Manufacturer: No

Foreign Manufacturer: No

Importer: Yes

Exporter: No

NT CAL Accredited: No

Works in Remote Locations: No

Australian Indigenous Owned: Yes

Contacts

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Protection systems commissioning & maintenance - Protection Relays & schemes Over-current, earth fault, differential, motor, generator, feeder, Bus-bar protection.

Summary

Substations, switch-rooms, switchboards, transmission and distribution networks and systems, cable networks, mining (crushers conveyors, stackers, re-claimers, ship loaders) oil & gas electrical systems, commissioning construction

verification works, maintenance and repair works. Performing factory & site acceptance tests. Certification & Compilation of reports as per Australian and/or International Standards.

Description

Protection systems commissioning & maintenance - Protection Relays & schemes Over-current, earth fault, differential, motor, generator, feeder, Bus-bar protection. High voltage (HV) testing on protection and controls systems and relays within HV installations. Construction verification works, primary & secondary injection tests; Current, Power & Voltage transformers - Ratio and phase, magnetizing curve, secondary resistance & impedance, primary and secondary Insulation resistance, polarity. Power transformer testing; winding ratio, vector group, DC resistance, impedance percentage, tap change continuity, insulation resistance, dissipation factor (Tan Delta), calibration of thermal sensors. Frequency response analysis, oil test and analysis; Circuit breakers & Disconnect Switch - Contact resistance for all joints including main contact(s), insulation resistance, trip close timing tests, dynamic resistance measurements Contact resistance for all joints including main contact(s), insulation resistance; Generators, Gas turbines, Diesel, Wind - Stator DC resistance, stator zero, positive and negative sequence impedance, rotor AC and DC impedance,

dissipation factor, insulation resistance, polarization index, partial discharge measurement. Cables - High Voltage cable jointing; testing - VLF with-stand, partial discharge, insulation resistance, conductivity test, fault location. High Voltage Equipment - Installations and maintenance works; Substation, Switch-rooms, switch-yards, Infrared thermography, Cable jointing; Test Equipment - Provide High Voltage testing equipment hiring services; Earthing systems - Step and touch voltages, system earthing resistance, earthing system integrity, Soil resistivity tests; Mining, Industrial, Oil & Gas Systems - Crushers, Conveyor belts, Stackers, Re-claimers, Ship loaders, electrical systems, Instrumentation and control systems installation, commissioning, maintenance, repairs; Generators, Gas turbines, Diesel, Wind - Stator DC resistance, stator zero, positive and negative sequence impedance, rotor AC and DC impedance, dissipation factor, insulation resistance, polarization index, partial discharge measurement; Bus-bars - Partial discharge, conductivity, insulation resistance; Surge arrester - Insulation resistance, variable frequency dissipation factor measurement, discharge counter check.

Industries Served

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

Major Clients

- > Southern Cross Electrical Engineering
- > Curtin University.
- > Southern Cross Electrical Engineering
- > Public Transport Authority - Perth Western Australia

Facilities and Equipment

- > Head Office is at 4 Clive Street West Perth 6005 and workshop at our farm in Beverley in Wheatbelt WA
- > EQUIPMENT
- > Relay testing equipment, IR testers, AC Hi-pot testers, Multimeters, Cable locator & fault locator, Infrared cameras. Circuit breaker testing.

Products & Services

- > Protection systems commissioning & maintenance - Protection Relays & schemes Over-current, earth fault, differential, motor, generator, feeder, Bus-bar protection. High voltage (HV) testing on protection and controls systems and relays within HV
- > installations. Construction verification works, primary & secondary injection tests; Current, Power & Voltage transformers - Ratio and phase, magnetizing curve, secondary resistance & impedance, primary and secondary Insulation resistance, polarity. Power transformer testing; winding ratio, vector group, DC resistance, impedance percentage, tap change continuity, insulation resistance, dissipation factor (Tan Delta), calibration of thermal sensors. Frequency response analysis, oil test and analysis; Circuit breakers & Disconnecter Switch - Contact resistance for all joints including main contact(s), insulation resistance, trip close timing tests, dynamic resistance measurements Contact resistance for all joints including main contact(s), insulation resistance; Generators, Gas turbines, Diesel, Wind - Stator DC resistance, stator zero, positive and negative sequence impedance, rotor AC and DC impedance, dissipation factor, insulation resistance, polarization index, partial discharge measurement. Cables - High Voltage cable jointing; testing - VLF with-stand, partial discharge, insulation resistance, conductivity test, fault location. High Voltage Equipment - Installations and maintenance works; Substation, Switch-rooms, switch-yards, Infrared thermography, Cable jointing; Test Equipment - Provide High Voltage testing equipment hiring services; Earthing systems - Step and touch voltages, system earthing resistance, earthing system integrity, Soil resistivity tests; Mining, Industrial, Oil & Gas Systems - Crushers, Conveyor belts, Stackers, Re-claimers, Ship loaders, electrical systems, Instrumentation and control systems installation, commissioning, maintenance, repairs; Generators, Gas turbines, Diesel, Wind - Stator DC resistance, stator zero, positive and negative sequence impedance, rotor AC and DC impedance, dissipation factor, insulation resistance, polarization index, partial discharge measurement; Bus-bars - Partial discharge, conductivity, insulation resistance; Surge arrester - Insulation resistance, variable frequency dissipation factor measurement, discharge counter check.

Accreditations

- > Employees undergo Verification of Competency (VOC) training
- > National Association of Corrosion Engineers (NACE) Certified Coating Inspector - Level 2

Previous Significant Projects

2018

Curtin University Electrical Testing and Tagging Service
\$50,000

Client: Curtin University WA

Appliance & electrical Equipment Testing & tagging.

2018

Mount Marion Lethium Mine expansion
\$300,000

Client: Aerison / Mineral Resources

(Installation & commissioning HV testing Protection, instrumentation & control) HV Motors, transformers, switchgear mining equipment networks. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for energization. Commissioning works supervision and management. Quality assurance compliance.

2014

Chevron Whitestone Project
\$700,000

Client: Schneider Electric

LV, HV switchboards testing and commissioning. Gas plant & Power generation equipment. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for compliance. Commissioning works supervision and management. Quality assurance compliance

2014

Sino Iron Ore Project
\$500,000

Client: Sino

LV, HV switchboards testing and commissioning. Electrical construction and commissioning works. Processing plant. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for conformance. Commissioning works supervision and management.

2018

Electrical Maintenance Services
\$300,000

Client: Public Transport Authority

Electrical Maintenance services, call outs plane and unplanned. Testing services, Appliances & RCD test & tagging.

2018

RAAF Tindal
\$125,000

Client: Southern Cross Electrical Engineering

PROTECTION & CONTROL, TESTING & COMMISSIONING Protection schemes & systems testing & commissioning; Relays, CTs, VTs, CBs. Over current earth fault, Differential, Overload, under voltage, synchronization; Transformers, feeders, protection; Systems & schemes calculations, reports & relevant documents compilation.

2015

Roy Hill Mine
\$900,000

Client: Samsung

new mine construction verification works, High Voltage Testing energization, equipment faults trouble shooting fault rectification, distribution network, motors & generators; and control circuits. HV circuits & equipment installation, testing, commissioning & energisation. Transformers, switchgear protection relays & systems. Crushers, conveyors belts, stackers & reclaimers systems. Preparation of documentation reports and compliance documentation for statutory regulations.

2012

Karrara Mine
\$200,000

Client: Karrara Mining Ltd

Iron Ore Processing plant (Electrical equipment & circuits commissioning & energization) Preparation of documentation reports and compliance documentation for statutory regulations. Commissioning works. Quality assurance compliance.

2012

Rio Tinto - Argyle Diamond Underground Mine
\$5,000,000

Client: O' Donnell Griffin

(Installation & commissioning HV testing Protection, instrumentation & control) HV Motors, transformers, switchgear underground mining equipment network. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for Commissioning works supervision and management. Quality assurance compliance.

2010

BHP RGP 5 & 6 projects
\$2,000,000

Client: Downer EDi Engineering

(Installation & commissioning HV testing Protection, instrumentation & control) HV Motors, transformers, switchgear mining equipment networks. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for energization. Commissioning works supervision and management. Quality assurance compliance.

2010

PHP Nelson Point Port Switchboard
Replacement project
\$800,000

Client: Downer

(Switch yards/substations, industrial, mining, commercial, Installation, commissioning & maintenance.) Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works & quality assurance documentation for client acceptance. Commissioning & construction works supervision and management. Quality assurance compliance. Project Management. Isolations and lock off permitting system HV & LV Electrical, Mechanical.

1999

Rubi Joe Gas Plant
\$400,000

Client: Electrical & Pumping Services / Queensland Gas Company

Gas plant HV circuits & equipment installation, testing, commissioning & energisation. Transformers, switchgear protection relays & systems. Gas plants, generators & Power Plant. Preparation of documentation reports and compliance documentation for statutory regulations. High Voltage works submissions documentation for energisation. Commissioning works supervision and management. Quality assurance compliance.

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