**PETER CLYDE MAY**

6/5 Sedalia Place • Banora Point NSW 2486 • 0437610795 • pma24174@bigpond.net.au

Electrician with Strong Mechancial & Technical Background

Results-driven, dedicated, and accomplished Electrical Fitter Mechanic with an extensive background in installing, maintaining, and testing various electrical systems complemented by an entrepreneurial background and strong mechanical and technology skills. Possess technical expertise applied in developing maintenance plans and ensuring operational objectives achieved, while increasing safety awareness. Recognized team player with the ability to direct and lead teams applying a hands-on management style. Excellent interpersonal skills used to interact with clients, senior leaders, associates, and vendors.

**Areas of Strength**

|  |  |  |
| --- | --- | --- |
| * Process Monitoring
 | * Quality Control
 | * Electrical Power Systems
 |
| * High-Voltage Generation Systems
 | * Safety & Compliance
 | * Project Management
 |
| * Team Leadership
 | * Process Improvement
 | * Problem Resolution
 |

**Professional Experience (summary)**

* Handled all aspects of substation construction, commissioning, and maintenance, including cable installation and termination (control cabling, metal sheathed, and armoured) and HV cabling, jointing, primary plant installation and maintenance (transformers), primary plant high-voltage testing (transformers).
* Maintained 220MW generators, process control system, steam turbine/boiler, coal conveyor and transfer stations, and coal train unloader, including fire and emergency systems on coal line.
* Completed pre-commissioning and commissioning of all primary plant and transformers, substation, and protection systems.
* Conducted high voltage testing of electrical apparatus.
* Protected, constructed, and tested control panels.
* Successfully developed, implemented, and monitored quality and safety systems.
* Instrumentation and Control upgrade team with technical drawing management experience.
* Performed a wide variety of commercial and domestic installation and service.
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Consistently provided high-quality customer service by creating needs-based solutions for all clients.
* Successfully owned and operation three businesses in the electrical, mechanical, and computer fields.
* Applied a variety of other skills as a delivery driver, consultant, and administrator.
* Assembly and upgrades of computer systems.
* Installation and maintenance of fire and security alarm systems and building maintenance systems.
* Installation and maintenance of access control and egress monitoring.
* Lead daily pre-start and tool box meetings.
* Coordinate logistics for on-time delivery.
* High Voltage Switching operator, Authorized Isolator, Permit to Work, Lock Out Tag Out
* Maintenance, Repair and testing of American Superconductor DVAR units
* Construction, Commissioning, Operations, Breakdown resolution and Maintenance of 19 Windfarm sites across Australia –

S.A. - North Brown Hill, Hallett, Hallett Hill, The Bluff, Snowtown and Snowtown 2,Clements Gap, Wattle Point, Cathedral Rocks, Lake Bonney, Starfish Hill, Waterloo

Victoria - Portland 3 Capes, Cape Nelson, Cape Bridgewater, Codrington, Yambuk, Challicum Hills

W.A. – Emu Downs, Walkaway

* Extensive Windfarm maintenance routines including HV cable jointing (reactive and preventative)

**Peter Clyde May, Resume Page 2**

**Education & Credentials**

**Advanced Diploma of Electrical and Instrumentation (E&I) Engineering for Oil and Gas Facilities**

Engineering Institute of Technology 2017 (currently studying)

**Diploma Electrical and Instrumentation**

EIM Training 2016

**Diploma, Business Management**

Training Innovation Management Enterprise 2013

**Diploma, Micro-computing Technology**

Computer Power Training Institute 1993

**Certificate IV, Frontline Management**

Training Innovation Management Enterprise 2011

**Certificate IV, Training & Assessment**

Training Innovation Management Enterprise 2012

**Certificate IV, Hazardous Areas (EEHA)**

TAFE Skills Tech 2016

**Certificate IV, Systems Electrician**

TAFE Skills Tech 2016

**Certificate III in Instrumentation & Control**

EIM Training 2016

**Certificate III Electrotechnology Instrumentation**

TAFE Whyalla 2004 - 2006

**Certificate, Electrical Mechanics and Fitting**

Industry and Commerce Training Commission 1987

**Certificate, Electrical Mechanics**

Army Apprentices School 1981

**Statement of Obtainment, High Voltage Switching Operator**

Competency Training 2016

**Electranet High Voltage Switching**,

Accredited HV Switcher Substation Access Level 3 2007

**Senior First Aid Certificate**, St John

**CPR & LV Rescue, EWP, Forklift, Dangerous Goods, Section 44, Standard 11**

**Technical skills:**

Doble DTAF

Omicron

Windows 3.x, 95, 98, 2000, NT, XP, 10: TCP/IP Protocols

Microsoft (Word, Excel, Access, Project)

Adobe Photoshop, Coreldraw

Internet/Web Page Development

AutoCad

**Affiliations:**

The Electric Energy Society of Australia, Member

Institute of Instrumentation Control & Automation, Member

The International Association of Commissioning Engineers, Fellow

The International Society of Automation, Member

The Society of Petroleum Engineers, Member

**Peter Clyde May, Resume Page 3**

**Work History**

**Kentz - Member of the SNC Lavalin Group,** Ichthys LNG Project | INPEX, Darwin, Instrumentation Technician; Electrician, Current

* Installation of local instruments delivered loose on modules, preassembled units, preassembled racks and vendor supplied skids
* Module fabrication hook up and carry over works
* Installation of local instruments on field-installed piping and equipment, including their junction box, steel supports, etc.
* Installation of control board (Distributed Control System, panel, etc.) and computer system inside the main control building, including all internal cabling/wiring
* Installation of analysers and analyser houses
* All required field calibrations, tests and inspections for the instrument installation including SAT of LIR and ICSS
* Supervision of AC vendor specialist for LIR AC commissioning and testing
* Installation, set up and calibration of site instruments (including Fire Safety System)
* Disconnect and reconnect control valves
* Installation and termination of HV cables and LV control cables
* Permit to Work
* Lock Out Tag Out

**UGL Limited**, Roma2, Fairview 05 Qld, High Voltage Tester/Commissioning Technician, 2016

* Commissioning and QA checks substation construction, including integrity of cable installations and terminations (control cabling, metal sheathed, and armoured).
* Commissioning of 132kV, 33kV and 415v control panels and switchboards.
* Control and protection relay testing.
* HV injection testing of primary plant.
* Conducted high voltage testing of 33kV switchboard.
* Successfully developed, implemented, and monitored quality and safety systems (ITP’s).
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Consistently provided high-quality customer service by creating needs-based solutions for all clients.
* Lead daily pre-start and tool box meetings.
* Coordinate logistics for on-time delivery.

**Southern Cross Electrical Engineering**, Roy Hill WA, Commissioning Electrician, 2015

* Pre-commissioning and commissioning on substation buildings, cabling, switchboards, MCC’s VSD’s communications and earthing.
* Pre-commissioning checks on Desands processing equipment.
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Pre-commissioning of fire alarm systems.
* QA checks on equipment mentioned above (ITR’s and punch list items).
* Authorized Isolator
* Permit to Work
* Lock Out Tag Out

**Peter Clyde May, Resume Page 4**

**Work History Continued**

**UGL Limited**, Fairview 04 Qld, Commissioning Technician, 2015

* Commissioning and QA checks substation construction, including integrity of cable installations and terminations (control cabling, metal sheathed, and armoured).
* Commissioning of 132kV, 33kV and 415v control panels and switchboards.
* Control and protection relay testing.
* HV injection testing of primary plant.
* Conducted high voltage testing of 33kV switchboard.
* Successfully developed, implemented, and monitored quality and safety systems (ITP’s).
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Consistently provided high-quality customer service by creating needs-based solutions for all clients.
* Lead daily pre-start and tool box meetings.
* Coordinate logistics for on-time delivery.

**Peter Clyde May, Resume Page 5**

**Work History Continued**

**Downer Tenix Pty Ltd**, Regency Park SA, Asset Integrity Specialist; HV Equipment Tester, Switching Operator, Windfarm HV Operations, Commissioning Technician, 2007 – 2015

* Handled all aspects of substation construction, commissioning, and maintenance, including cable installation and termination (control cabling, metal sheathed, and armoured) and HV cabling, jointing, primary plant installation and maintenance (transformers), primary plant high-voltage testing (transformers).
* Commissioning of 275kV, 132kV, 66kV, 33kV, 22kV, 690v and 415v control panels and switchboards.
* Control and protection relay testing.
* HV injection testing of primary plant.
* Completed pre-commissioning and commissioning of all primary plant and transformers, substation, and protection systems.
* Conducted high voltage testing of electrical apparatus.
* Protected, constructed, and tested control panels.
* Successfully developed, implemented, and monitored quality and safety systems (ITP’s).
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Consistently provided high-quality customer service by creating needs-based solutions for all clients.
* Installation and upgrades of computer systems (HMI, SCADA, 61850).
* Installation and maintenance of fire and security alarm systems and building maintenance systems.
* Lead daily pre-start and tool box meetings.
* Coordinate logistics for on-time delivery.
* High Voltage Switching operator. Authorized Isolator
* Permit to Work
* Lock Out Tag Out
* Maintenance, Repair and testing of American Superconductor DVAR units (also STATCON)
* Construction, Commissioning, Operations, Breakdown resolution and Maintenance of 19 Windfarm sites across Australia, including 3, 6 and 12 monthly routines –

**S.A.** - North Brown Hill, Hallett, Hallett Hill, The Bluff, Snowtown and Snowtown 2, Clements Gap, Wattle Point, Cathedral Rocks, Lake Bonney, Starfish Hill, Waterloo

**Victoria** - Portland 3 Capes, Cape Nelson, Cape Bridgewater, Codrington, Yambuk, Challicum Hills

**W.A.** – Emu Downs, Walkaway

* Extensive Windfarm maintenance routines including HV cable jointing (reactive and preventative). North Brown Hill, replace all resin joints with heat shrink joints; switching, isolations, testing. Cable laying Snowtown 2
* Construction, Commissioning and High Voltage Testing of Windfarm Substations and transformer kiosks
* Communication upgrades at North Brown Hill, Hallett, Hallett Hill, The Bluff and Snowtown
* Operation and maintenance of Windfarm HMI, SCADA and communications

**Peter Clyde May, Resume Page 6**

**Work History Continued**

**NRG Flinders/Augusta Power Stations**, Port Augusta SA, Instrumentation Technician, 2002 – 2007

* Handled all aspects of substation construction, commissioning, and maintenance, including cable installation and termination (control cabling, metal sheathed, and armoured) and HV cabling, jointing, primary plant installation and maintenance (transformers), primary plant high-voltage testing (transformers).
* Maintained 220MW generators, process control system, steam turbine/boiler,
* Maintenance of coal conveyor and transfer stations, coal train unloader, including fire and emergency systems on coal line, PLC systems.
* Maintenance and upgrades to DCS system(s).
* Regular routine maintenance on protection and control panels.
* Successfully developed, implemented, and monitored quality and safety systems.
* Part of $25M Instrumentation and Control upgrade team developing tender scope (IO count etc).
* Upgrade all IFD’s across two plants (technical drawing management).
* Implement new drawing numbering system site wide.
* Effectively communicated with all levels of personnel, maintaining confidentiality of interactions.
* Consistently provided high-quality customer service by creating needs-based solutions for all clients.
* Installation and upgrades of computer systems (HMI, SCADA).
* Installation and maintenance of fire and security alarm systems and building maintenance systems.
* Installation and maintenance of access control and egress monitoring.
* Lead daily pre-start and tool box meetings.
* Coordinate logistics for on-time delivery.

**Garvic Services**, Broadbeach Island Qld, Electrician, 2000 – 2001

**Emerlite Electrical**, Southport Qld, Electrician,2000 - 2001

**Total Concepts Productions**, Burleigh Waters Qld, Electrician, 2000

**Brett Williams Electrical**, Palm Beach Qld, Electrician, 2000

**Mick James Electronics**, Mermaid Beach Qld, Electrician, 1999

**Faulding Pharmaceuticals**, Brisbane Qld, Delivery Driver, 1998-1999

**Inhome Computer Service**, Brisbane Qld. Computer Consultant/Trainer, 1993-1999

**Queensland Sheetmetal**, Brisbane Qld, Office Administrator, 1994-1995

**Spot Computers**, Brisbane Qld, Computer Sales, 1994

**Fire Fighting Enterprises**, Parkside SA, Electrician, 1990-1994

**Don Anderson Pty Ltd**, Goondiwindi Qld, Electrician, 1989

**Kilpatrick Green**, Townsville Qld, Electrician, 1989

**Lyndon Electrical**, Port Adelaide SA, Electrician, 1989

**Kennedy Taylor**, Southport Qld, Electrician, 1989

**A & D Davids**, Southport Qld, Electrician, 1988

**CW Norris & Co Pty Ltd**, Salisbury North, Miami Qld, Apprentice Electrician, 1986-1987

**Wormald Security**, Chippendale, Parramatta NSW, Security Installer, 1984-1985

**Dept of Defence (Army)**, Balcombe Vic, Liverpool, Randwick NSW, Apprentice Electrician, 1980-1984