

# Dylan Robertson

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## Electrician 309-A

### PROFESSIONAL PROFILE

- Licensed Canadian Red Seal Journeyman Electrician
- 10+ years' experience working in the electrical trade, on projects in Canada, the Bahamas and Afghanistan
- Comprehensive knowledge in installing and maintaining fire alarm and security systems
- Areas of expertise include ICI, residential, underground mining, maintenance, military and hazardous environments
- 2+ years' experience working as a QA/QC inspector and in pre commissioning and commissioning of automation systems, PLC's. Power distribution systems, conveyor systems and in various industrial projects
- Supervised, instructed, and directed the work of fellow journeyman electricians, engineers, apprentices, mechanics
- Greatly experienced with installing, testing, and maintaining electrical wiring including high voltage cables, motors/generators, equipment, appliances, apparatus and fixtures using hand tools, power tools and metering equipment. Able to work from verbal instructions, blueprints, wiring diagrams, schematics, technical publications and instruction bulletins
- Government of Canada Security Clearance

### WORK EXPERIENCE

#### **Preventative Maintenance, Shut down electrician, Co-Generation project (contracted by client) Smith and Long, Toronto, Ontario**

**2015-2018**

- Worked with a small company comprised of highly skilled tradespeople performing shut downs and preventative maintenance achieving cost effective improvements to electrical distribution systems and operational equipment for clients
- Used infrared cameras, various metering and testing equipment to generate power consumption, efficiency and electrical load balancing reports
- Implemented upgrades, maintenance and repairs, including modification high voltage switchgear, MCC units, backup generator systems and branch power distribution systems.
- Extensive knowledge and training in safe work practices including arc flash personal protection and team protection in hazardous live electrical environments

Projects included Hydro One, Roger's communications, Ryerson University and Enbridge gas

#### **Commissioning specialist (contracted by client) Lander General Power and Equipment, British Columbia**

**2014**

- Successfully completed pre commissioning and commissioning duties for electrical systems and equipment start up at Rio Tinto's modernization project at their aluminum smelter in Kitimat British Columbia
- Crew member with automation engineers and a commissioning team trouble-shooting, meter testing and ensuring the safe startup of motors, sensors, PLC's, various switches/relays, hand switches, lighting indicators, conveyor systems power distribution systems and overhead cranes which included both a 20 ton and a 250 ton gantry crane.
- Documented and recorded exhibits displaying test results and problems found and corrected

#### **QA/QC inspector (contracted by client) Pacer Promec Energy Corporation, Alberta**

**2014**

- Worked as a Quality Control Inspector for the Syncrude's MLMR project
- Generated reports, exhibits and meter testing for various electrical and power distribution systems for two crushers and two conveyor systems for the production of oil

#### **Red Seal Journeyman Electrician (contracted by client) Alliance Energy Ltd., Saskatchewan**

**2013-2014**

- Worked on the Agrium Potash mine Expansion Project: Installed cable trays, cables for lighting and machinery, terminated power and control wiring for lighting and machinery

#### **QA/QC Inspector/Journeyman Electrician (contracted by client)**

**Canonbie Contracting Ltd., Alberta, Saskatchewan**

**2012-2013**

- Trained new QA/QC representatives for their respective positions and maintained a team atmosphere to ensure project success
- Verified and inspected electrical equipment and installation, ensuring it meets CEC and Suncor rated standards
- Corrected faults and deficiencies of systems and informed construction crews on how to correct electrical deficiencies
- Prepared exhibits and handover documentation and worked with the Client (Suncor) on final inspections and commissioning of electrical systems

#### **Red Seal Journeyman Electrician (civilian contract with Canadian Forces)**

**SNC Lavalin PAE, Kandahar Afghanistan**

**2009-2011**

- Provided electrical maintenance/reconstruction to Canadian Military sections on each base
- Supervised up to 15 person crew including electrical team during vacancies in the department; this also included local Afghan workers
- Performed maintenance on the Kandahar airfield, ammunitions areas, correctional facilities
- Worked with the Canadian Engineer Support Squadron at Camp Nathan Smith troubleshooting electrical problems in a time sensitive hazardous environment
- Planned and organized electrical projects
- Improved existing electrical systems to current Canadian electrical code standards

#### **Lead Hand Journeyman Electrician**

**Kiewit Energy, Industrial, Alberta, Canada**

**2007-2008**

- Appointed Lead Hand – Assisted site foreman in organizing and executing various projects and in the supervision of electric crews
- Worked in hazardous locations within a live, operating oil refinery plant
- Performed electrical terminations in lighting, instrumentation and motor control panels
- Fabricated and installed cable tray and supports of various sizes
- Worked with a service crew, providing site-wide electrical service and maintenance for all trades and personnel
- Installed and secured high and low voltage cables for numerous applications

#### **Journeyman Electrician**

**The Plan Group, Toronto, Ontario, Paradise Island, Bahamas**

**2005-2007**

- Red Seal Journeyman electrician for a company with projects in industrial, commercial and institutional areas  
Installed and performed routine maintenance on fire alarm and security systems, fiber-optic cable for networking systems, service conduits and conductors, and completed terminations for main power distribution. Electrical systems trouble-shooting

### **EDUCATION / QUALIFICATIONS**

#### **Electrician Construction and Maintenance (Journeyman Red Seal License)**

Canadian Inter-Provincial Certificate of Qualification

**2006**

#### **Electrical Apprenticeship Program,**

George Brown College, Toronto, Ontario

**2001-2006**

#### **Fundamentals of Welding Program (SMAW and MIG)**

George Brown College, Toronto, Ontario

**2001**

### **CERTIFICATIONS**

**WHMIS**

**2018**

**Working at Heights**

**2018**