

Sean D. Flewelling

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INDUSTRIAL ELECTRICAL TECHNICIAN

HIGHLIGHTS OF QUALIFICATIONS

- Interprovincial Red Seal #K-04-22763 Certification # 6646 Ew 92
- H2s Alive Certificate (Hydrogen Sulphide)
- Aerial Work Platform Certificate
- Ossa (Oil Sands Safety Association) Safety Certificate
- Alberta CSTS Certification, Including WHMIS version 9 update
- 2015 WHMIS Certificate
- Valid B.C. Class 5 Drivers Licence
- Valid Canadian Passport

SKILLS AND EXPERIENCE

- Commissioning And Start Up ,Megger, High pot. Voltage Injection PT's, VT's, CT's
- Built Cable Trays, Mechanical And Instrument
- Performed Hot/Cold Terminations
- Experienced In Open Pit Mines
- Terminated High/Medium/Low Voltage Circuits (24/120/480/600 – 4160v) 13.8KV through to 144KV
- ACSR and HV Switchyard experience.
- Skilled At Terminating Various Instruments Including Flow, Pressure, Level And Temp. (Rosemount, Hart Type) Excellent Understanding Of Instruments And Process
- A/C Drive Experience, DC Drive Experience
- Scheduled, Projected Costs And Production Timelines, Budgeted And Estimated As Forman Of Construction Crews
- Experienced In Sub Station And Distribution Construction
- Experienced In DCS, PLC's, VFD.s, And Allen Bradley Device/Control Net, Direct Digital Control, Emt, Bx cable
- Computer Literate/ word /excel etc
- QA/QC experience, Walkdowns/Turnover packages/Red lines/ Inspections

EMPLOYMENT HISTORY

Pacific Seafoods Plant Electrician

2016-present

Duties Include...Installation of industrial refrigeration equipment (Ammonia and Freon). Spec,Source and implement soft starts and associated controls for Motors up to 500 hp. Design, build control panels and stations. Calculate and install Power factor correction banks. Motor swaps, VFD programing, LED lighting Upgrades. Marine vessel work, Gensets, AC DC systems, UPS, Radar.

Kentz Constructors and Engineers-SNC Iavalin TCAS031 Radio Install –Syncrude

2015

Duties Include...Driving the mine. Installing information radio's in all mobile equipment from Heavy haulers to light duty vehicle's. Wattmeter tests and Function testing as well as filling in associated forms.

**Kentz Constructors and Engineers- SNC Lavalin
Integrated Systems Completion Team (ISCT)**

2014-2015

Duties Include....Subsystem walk downs, Static Commissioning checks; MCC's, HVAC, UPS systems and motors. Ductor tests, High pot testing vacuum bottles on Medium and High Tension breakers and switchgear, Proficient on VLF testing instrument, E-Z CT excitation test units (creating CT profiles) Clearing punch list items, troubleshooting , Vendor support

P2S Driver

2013-2014

Kearl Lake River Water Intake. Duties included.....

Design build tray and jb's. Basal Water Wells, cable and wire terminations, Vapour Recovery Unit. Hot work. Tie in's, Heat Trace, cable pulls, Q/C

FM Installations

2013

13.8 to 144kv installs Duties included.... Install and commission ABB synchronous condenser unit. Install A.C.S.R. and all glass insulators and bushings on 144/13.8 transformer
Commission PT's, VT's, CT's and Switch gear Ground resistance testing, High pot testing, DCS and PLC controls trouble shooting

QC/Inspector Callisto Construction

2012-2013

Imperial oil duties included...

Heat trace walk downs for M.I. and S/r types of trace. Create punch lists, enter data WIN PCS. Create and carry out ITP's, Pre-commissioning duties , create turnover packages

Qa/Qc Lead

2011-2012

ABB.BERMAC. Witness torques, inspect spec's attend daily progress meetings, develop itp's and initialize. Oversee Q/C crew, witness torques and resistance values on transformers and switch gear. Create turnover packages

Field Electrician

2011-2011

Medium and high voltage installation, wiring and commissioning of High and Medium voltage drives. High pot test and work with GE rep and engineers commissioning 13.8 volt Liquid cooled inverters

Electrical Foreman

2010-2011

Night shift Forman, Studon Electrical and Controls for Enbridge. Duties included....Run E &I construction crew under compressed schedule. Wire 13.8v/480v Transformer. Install test high, medium and low voltage switchgear install and Q/C and commission two 5kv Allen Bradley drives along with associated paperwork.

Electrical Foreman

2009-2010

Duties included...running 20 plus person crew on 500 bed expansion. Royal Jubilee Hospital, extensive costing, look aheads. High voltage shut downs and tie in's. DDC work as well as some PLC on boilers

Industrial Electrician- Suncor Energy

2008-2008

Duties included.....Construction of two Extraction trains. area 300.Tray design/build, cable pull and terminating

Industrial Electrician. Petro can Refinery-RCP project

2008-2008

Duties included....Cable pull, terminating transmitters and pre-commissioning

Electrical Forman Westwood Electric. CNRL

2007

Duties Included.....Running a 30 plus man crew for plant ground (gradient) Tank farms; Piezio sensors (tank settlement monitoring) Remote firewater nozzles. Tray build and cable pull. Associated paperwork, costing

Commissioning lead Pyramid corp. Nexen Long Lake

2006-2007

Commission various equipment: motor run in's rewire panels, Auto transfer switch's Transformer bumps, Ups and battery systems. DCS QA/QC documentation

Electrical Forman Pyramid Corp. Husky Energy

2006

Duties included.....Running 15-20 man crew on well pads. SAGD. Take over for other contractor and compress schedule. Design and construct tray, cable pull, termination. heat trace.QA/QC and commissioning

Electrical Forman Pyramid Corp. Conoco-Phillips Phase 1

2005

Duties included.....Running 12-15 person crew in water block, design of cablofil type basket tray, cable pulling, mounting instruments. High line Cable crew supervision, costing 2-3 week look aheads

EDUCATION

Rockwell/ Allen Bradley VFD programming Coarse

2002

Programmable Logic Controllers, Camosun College, Victoria, BC

1993

Electrical Apprenticeship Program, Camosun College, Victoria, BC

1992