

Yvan Dufresne

411 Queensland Circle S.E. ▪ Calgary AB T2J 4P5
yvan2@hotmail.ca ▪ 403.888.7925

ELECTRICAL SUPERVISOR

High degree of skills, knowledge and major projects experience within Oil/Gas, Commercial Construction and Health Services environments. Supervise the work of others with integrity, reliability, professionalism and accountability. Effective communicator and collaborator with extreme focus on safety and quality. Technical expertise with proven strengths in analyzing, planning, troubleshooting, working to timelines and implementing optimal solutions. Ability to lead, train and mentor.

Experience includes:

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| ▶ Electrical Systems and Controls | ▶ Quality Assurance / Quality Control | ▶ Communication Systems |
| ▶ Installations and Commissioning | ▶ Transformers, Pumps, Motors, Generators | ▶ Gear and Cable Runs |
| ▶ Safety and Industry Compliance | ▶ Blueprint Interpretation Schematics | ▶ Fire Alarm Systems |
| | ▶ Electrical Code / Wiring Diagrams | ▶ Diagnostics / Repairs |
| | ▶ Security Systems | |

KEY PROJECT EXPERIENCE

PYRAMID CORPORATION (LLOYDMINSTER) (QC)

- ▶ Worked as a QC lead for a Husky steam generator station northeast of Lloydminster.
- ▶ Currently working as a full time electrician in Calgary for Pyramid at a mod yard.

CONCEPT ELECTRIC

- ▶ Originally hired for job scope planning, material planning and mentoring of the new and young supervision that was in place at the time.
- ▶ As this project was in jeopardy of falling behind on budget and time constraints, I was moved to site manager to realign the project towards construction complete.
- ▶ Unfortunately Concept went into receivership July 10th. 2018

Fluor (East tank farm) (Forman)

- ▶ Managed materials and tools required for various tasks/jobs throughout the plant
- ▶ Purchased materials and tools required for various tasks/jobs throughout the plant
- ▶ Planning and assisting senior management in developing strategies on completing the project.
- ▶ *Compiling work ready packages for individual crews.*
- ▶ *Assisted in QC documents and completion packages control.*

Chemco (CTI) Telus Falcon project Edmonton (General Foreman)

- ▶ Managed and led construction of fiber optics installation
- ▶ Horizontal drilling and installation on underground conduit
- ▶ Installation of underground vaults
- ▶ Coordinating Hydrovacs, Vac trucks and horizontal drills.
- ▶ Coordinating smaller drills for the fiber optic installation directly to individual homes
- ▶ Manage materials, tools, vehicles, equipment, necessary for all areas

ABB RAFFIN (Shell Scotford Debottlenecking Skid) Foreman

- ▶ Managed and lead construction of 120' Electrical building.
- ▶ Installation of 4160V gear and 600V mcc's.
- ▶ Installation of VFD.
- ▶ Installation of UPS, DC systems.
- ▶ Layout and installation of internal lighting and miscellaneous receptacles.
- ▶ Layout and installation of fire alarm and HVAC power and controls.

Powell (Enbridge) Edmonton Access Expansion Senior Management

- ▶ Managed and lead construction of 3 powerhouses controlling 3 separate manifolds pumping oil and other products to various locations in Alberta.
- ▶ Rigged and pulled 5KV cable throughout cable rack to all 3 powerhouse from a remote transformer.
- ▶ 600v layout/installation of gear, valves and associated cable runs.
- ▶ Grounding/bonding including the grid. 347v / 120-208v / UPS / Lighting - including low-voltage switching. Fire Alarm / Security / HVAC / Instrumentation / Heat Trace (SR). All cable pulls and conduit runs in both rigid and EMT. Ladder and instrumentation tray.
- ▶ Energizing and testing of all equipment.

FLUOR (Syncrude's Mildred Lake Mine Project): As Fibre Optic/Communications Superintendent - collaborated on the infrastructure for new \$18M fiber optic system.

- ▶ Managed several companies including Midlite Powerline Construction, PCS, Kentz Construction, Jacobs, Kiewit for the install of all 72Kv power lines and fiber optic cabling and associated communication cables to the MLMR replacement Project.
- ▶ Held progress meetings and reported to Imperial Oil.
- ▶ Built completion packages.
- ▶ Energized and tested various equipment.

URS Corporation (Fort McMurray Water Treatment Plant): As Senior Electrical Supervisor - with Lock Out Tag Authority) completed effective planning, layout, installation, safety, start-up, testing and commissioning and ensured QA/QC documentation for the following:

- ▶ 4160v gear and associated cable runs to MCC's, DCC, Transformers, Pumps, Motors and Generator, terminations of cables at both ends and test of gear/cables.
- ▶ 600v layout/installation of gear, valves and associated cable runs.
- ▶ Communications: all associated components including fiber optic cable, single and multi-mode pull, and termination. Cat5E / Cat6 cable pull, termination.
- ▶ Grounding/bonding including the grid. 347v / 120-208v / UPS / Lighting - including low-voltage switching. Fire Alarm / Security / HVAC / Instrumentation / Heat Trace (SR). All cable pulls and conduit runs in both rigid and EMT. Ladder and instrumentation tray.

IES (Industrial Electrical Services) for Syncrude: As Senior Electrical Supervisor oversaw effective planning, layout, installation, safety, QA/QC documentation, start-up, testing of systems including:

- ▶ Grounding/bonding including the grid. Incoming 600v feed from SERP Distribution Control Centre. 600v distribution throughout facility. 120-208v distribution. Lighting. Communication. Fire Alarm, HVAC and all cable pulls. Conduit runs in both rigid and EMT. Ladder and instrumentation tray. Heat Trace (MI).

Bantrel Constructors Ltd. (Shell Scotford Upgrader Expansion): As Senior Electrical Supervisor collaborated on the planning and implementation the heat trace and evacuation system.

- ▶ All heat trace SR (self-regulated) and MI (mineral insulated) install power boxes, RTD's, controller cabinets, tray and pull cables to various locations throughout the plant.
- ▶ Installed sirens and horns along with associated controller cabinets for the evacuation system.

Trotter & Morton Ltd. (Pengrowth Towers Project): As **Senior Communications Supervisor** directed the planning and installation of the Communications System for two 27-floor towers involving:

- ▶ Fiber optic spine floor to floor with cat5e off-runs, EMT conduit and basket tray installation. Grounding/bonding of racks and tray.

Western Electric (Foothills Hospital): As **Foreman** supervising 24-man crew directed the planning, installation and testing of electrical and communication system throughout interstitial and operation room floors involving:

- ▶ 600v distribution, 347v distribution, 120-208v distribution in both regular and emergency power. UPS. Grounding/bonding, Lighting including low voltage switching.
- ▶ Communications, Fire Alarm, Security and Paging.

LEADERSHIP & TEAM PLAYER STRENGTHS

- ▶ Successfully collaborate with industry professionals to create plans, schedules and targets to ensure successful timelines, workflow patterns for the implementation involved in large/complex projects and when addressing unique problems and challenges.
- ▶ Keen awareness with strong communication skills in the identification of specific issues; able to clarify and resolve issues effectively.
- ▶ Reputation for communicating technical information into understandable terms for training purposes.
- ▶ Consistently commended for ensuring safety adherence, quality workmanship and compliance by team members.
- ▶ Enthusiastic motivator; consistently maintain a positive attitude and sense of humour to promote a well-balanced work environment; resulting in higher productivity and employee morale.

EMPLOYMENT HISTORY

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| ▶ QC lead for Pyramid a Husky steam generator station | Oct 2018 - current |
| ▶ Site manager for the electrical construction of a new hospital in North Battleford | Feb 2018 – July 2018 |
| ▶ Fiber optics civil installation general foreman – Telus Falcon Project | May 2017 - Feb 2018 |
| ▶ Suncor east tank farm Foreman | Nov 2016 - May 2017 |
| ▶ Fiber optics civil installation general foreman – Telus Falcon project | May 2015 - Nov 2015 |
| ▶ Fiber Optics/Communications Superintendent, MLMR Project, FLUOR | Apr 2014 - Oct 2014 |
| ▶ Sr. Electrical Supervisor - Industrial Electrical Services (Syncrude) | Sep 2010 - Sep 2011 |

- ▶ Sr. Communications Supervisor - Shell Scottford Upgrader Expansion, Bantrel Constructors Apr 2009 - Jul 2010
- ▶ Foreman - Western Electric (Foothills Hospital) May 2007 - Apr 2009
- ▶ Sr. Communications Supervisor - Trotter & Morton Ltd. (Pengrowth Towers & Calgary Children's Hospital) 2004 - 2007
- ▶ KDL Electric Ltd. (Apprenticeship on Commercial & Residential sites) 2000 - 2004
- ▶ Owner, Dufresne Developments - Retail construction projects 1990 - 2000

EDUCATION / SPECIALIZED TRAINING

Journeyman Electrician – Red Seal Certified, Southern Alberta Institute of Technology (SAIT) 2007

Level 2 ground disturbance certificate 2016

LSE (Leadership for Safety Excellence), Alberta Construction Safety Association 2012

CSTS and First Aid Certifications (current)

Additional languages: French and Spanish

H2S Alive (Current)

References Provided Upon Request