

FRANCIS A. COOPER

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PROFESSIONAL SUMMARY

Licensed Journeyman Electrician with 15+ years of comprehensive electrical experience across residential, commercial, industrial, municipal, and hazardous location environments. Proven expertise in heavy equipment operation, explosion-proof systems, and specialized industrial installations. Security clearance capability with extensive experience in corrosive and volatile atmosphere electrical work. Background includes potash mining electrical systems and rotation schedule adaptability.

CORE COMPETENCIES

- Licensed Journeyman Electrician (Saskatchewan)
- Class I & Class II Hazardous Location Electrical Work
- Explosion-Proof Systems & Equipment Installation
- Heavy Equipment Operation (Ditch Witch, Trenching Equipment)
- Bucket Truck & Picker Truck Operation
- Manual Transmission Commercial Vehicles
- Underground Cable Installation & Trenching
- Industrial Automation & Control Systems
- Municipal Infrastructure Systems
- Security Clearance Capability
- Motor Control & Industrial Maintenance
- Blueprint Reading & Code Compliance
- Agricultural Facility Electrical Systems
- Corrosive Environment Installations
- Rotation Schedule Experience (Fly-in/Fly-out capable)

PROFESSIONAL EXPERIENCE

Journeyman Lead Electrician | Erwin Electric, Oldsmar, FL | August 2017 - Present

- Lead comprehensive electrical installations for residential new construction and remodel
- Install and maintain electrical systems for high-profile clients including professional sports facilities
- Perform fixture installations, troubleshooting, and service calls across commercial and residential sectors
- Execute custom residential installations including smart home systems and security integration
- Collaborate with design teams and coordinate with multiple trades on luxury custom home projects
- Maintain professional relationships with high-profile clientele requiring discretion and quality workmanship

Journeyman Electrician | L&I Electric, Moose Jaw, SK | June 2015 - August 2017

Municipal & Government Contracts:

- Executed municipal electrical contracts for City of Moose Jaw infrastructure projects
- Performed electrical installations and maintenance under Department of National Defense contracts at CFB 15 Wing Moose Jaw
- Completed electrical work in Private Military Quarters (PMQs) for pilot accommodations
- Installed and maintained electrical systems in Canadian Forces Snowbirds aircraft hangars
- Maintained security clearance for military facility access and sensitive installations

Industrial & Agricultural Facilities:

- Parish and Heimbecker fertilizer mixing plant electrical installations (corrosive chemical environment)
- Grain elevator electrical systems in Class II hazardous locations (combustible dust)
- Explosion-proof fuel pump system installations at agricultural facilities
- Animal facility electrical work requiring corrosion-resistant systems and specialized code compliance
- Seed cleaning plant automation (Simpson Seeds and others) including robotic baggers and conveyor systems
- Proximity-sensor automatic door systems for industrial vehicle access
- Corral lighting and livestock facility power distribution
- Agricultural heating system installations for winter operations
- Cross-farm trenching for power distribution networks

Municipal Infrastructure:

- Installed and maintained lift stations for municipal sewer systems
- Performed electrical work for water treatment facilities
- Executed electrical installations for public recreation centers including arena systems
- Sports facility electrical infrastructure at Mosaic Place arena including automatic door opener systems

Equipment Operation:

- Operated trenching equipment (Ditch Witch) for underground cable installations
- Managed bucket truck and picker truck operations for overhead installations
- Operated manual transmission commercial vehicles and heavy equipment

Electrical Apprentice | Alliance Energy Industrial, Vanscoy, SK | January 2014 - June 2015

- Apprentice Electrician on major industrial potash mining project at Vanscoy potash mine
- Installed electrical systems in industrial mining operations
- Installed and tested motor control and industrial equipment
- Gained experience with rotation schedules in remote industrial setting

Electrical Apprentice | Shermco Industries, Inc., Rocanville, SK | August 2012 - December 2013

- Apprentice Electrician on major industrial expansion project at Rocanville potash mine
- Company transitioned from MEC to Shermco Industries during employment
- Installed electrical systems in mining operations
- Performed industrial equipment maintenance and troubleshooting

- Worked in challenging industrial environments with safety-critical systems

Electrical Apprentice | L&I Electric, Moose Jaw, SK | March 2010 - August 2012

- Specialized in commercial and agricultural electrical installations under licensed journeyman supervision
- Gained foundational experience in municipal infrastructure projects
- Learned heavy equipment operation including trenching and aerial lift equipment
- Developed skills in hazardous location electrical work and agricultural systems
- Participated in Department of National Defense contract work

Production Line Operator | General Cable Industries, Moose Jaw, SK | November 2005 - November 2009

- Line Operator Technician in power cable manufacturing facility
- Operated production equipment for electrical cable manufacturing
- Maintained quality control standards in manufacturing environment
- Gained understanding of electrical cable construction and specifications

Quality Control Technician | Raider Industries Inc., Drinkwater, SK | January 1999 - November 2005

- Conducted final quality control inspections on tonneau covers for pickup truck boxes
- Maintained quality standards and documentation
- Developed attention to detail and inspection skills

HAZARDOUS LOCATION EXPERTISE

- ****Class I Locations:**** Fuel pump installations, chemical processing facilities
- ****Class II Locations:**** Grain elevator systems, combustible dust environments
- ****Corrosive Environments:**** Animal facilities, fertilizer mixing operations
- ****Explosion-Proof Equipment:**** Installation and maintenance of specialized safety equipment

EQUIPMENT & TECHNICAL SKILLS

- Heavy equipment operation with farm background experience
- Manual transmission trucks and specialized vehicles
- Trenching and underground installation equipment
- Bucket trucks and aerial lift platforms
- Industrial automation and robotic systems
- Conveyor control systems

SECURITY & CLEARANCES

- Security clearance maintained for Department of National Defense electrical work
- Experience with controlled access military installations
- Professional discretion with high-profile clients

EDUCATION & CERTIFICATIONS

- **Construction Electrician** - Saskatchewan Polytechnic, Moose Jaw, SK (March 2012 - May 2016)
- **Some College in Electrical Engineering Technology** - Saskatchewan Institute of Applied Science and Technology, Moose Jaw, SK (September 1998 - June 1999)
 - Completed first semester, discontinued due to financial constraints
- **High School Diploma** - Handel School, Handel, SK (August 1985 - June 1998)
- Journeyman Electrician License - Saskatchewan

ADDITIONAL QUALIFICATIONS

- Farm background with extensive machinery operation experience
- Proven ability to work independently and as part of teams
- Experience with rotation schedules and remote work environments
- Adaptable to various work environments from underground mining to luxury residences
- Strong work ethic with commitment to safety and quality standards