CEWA Office

DATE: FEBRUARY 10, 2026
JOB POSTING # 19489

ELECTRICAL TECHNOLOGIST, QUALIFIED

DIVISION: ***OPERATIONS (COMMISSIONING)***
LOCATION: ***NISKU, AB***
SALARY: ***$4,053.48 - $5,715.63 BI-WEEKLY*** ***JOB CLASS NUMBER: 585300***
RELOCATION: ***NO RELOCATION ASSISTANCE WILL BE PROVIDED FOR THIS POSITION***

Under the leadership of the Supervisor, Commissioning, the Electrical Technologist, Qualified is responsible for switching in substations, performing maintenance activities on substation equipment, working in isolated generation facilities in troubleshooting, completing repairs, construction, installation and commissioning of equipment. Responsible for performing commission testing, troubleshooting and repairs on distribution equipment. Responsible for performing acceptance activities on power system apparatus and associated protection and control systems, including reviewing electrical and SCADA design packages. Take standby and respond to trouble calls related to equipment failures and alarms. Job safety planning and adhere to safe work practices, contractor supervision and operating company assigned vehicles are key components to the position. Attend safety meetings, nontechnical & technical training as scheduled. The incumbent will be responsible for the electrical maintenance activities of a given geographical area, overnight stays, traveling away from home base and assisting other locations.

RESPONSIBILITIES:

- Perform maintenance testing activities on equipment e.g. – protective relays and circuits, transformer, circuit breaker, high voltage switches, thermal heat scanning inspections, voltage regulators, metering circuits, control circuits and devices related to control circuits.
- Perform construction, commissioning and installation of equipment, e.g. protective relays, transformer, circuit breaker, voltage regulator, switches, risers, insulators, grounding, fence, metering.
- Perform commissioning, repairs & installation of distribution related equipment.
- Perform inspection and commissioning activities on transmission and distribution equipment, and its associated protection and control, leading to handover and energization. Includes maintaining records of activities performed on all equipment.
- Execute protection & SCADA commissioning activities.
- Perform power systems switching and critical start-up tests prior to energization.
- Maintain records of maintenance, commissioning and installation activities performed on all equipment.
- Perform repairs on related equipment and switching tasks.
- Troubleshoot problems with electrical equipment and/or systems, analyzes failures and complete reports.
- Perform troubleshooting and repairs on PLC, RTU and HMI equipment.
- Perform and assist with oil filling of power transformers and other related equipment on the power system.
- Perform gas filling of high voltage equipment related to the power system.
- Provide technical support to other groups within the organization.
- Operating various types of test equipment needed for troubleshooting, maintenance and commissioning activities.
- Able to identify all health, safety and environmental hazards associated with the work performed, develop and implement safety plans to eliminate or mitigate those hazards.
- Understand and comply with all corporate policies, practices and procedures as well as all legislative regulations that apply to the work performed.
- Ensure comprehensive, documented job plans exist for all work performed. These job plans include all required tools, test equipment, manpower (including skill level requirements), job steps, hazards/barriers and references to corporate policies, practices and procedures, legislative regulations as well as a realistic estimate of Realtime job duration.
- Developed knowledge of the operating conditions of the equipment in their area of responsibility.

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- Use the Maximo process, business rules and software application to plan, schedule and record work.

- Able to prioritize equipment problems and equipment emergency work and alter existing schedules if required. This requires a good understanding of what constitutes an emergency.
- Ability to use problem solving process to determine the best course of action to correct problems and emergencies. This includes a thorough analysis of all reasonable alternatives.
- Complete the assigned work as laid out in the schedule, understanding that emergencies may arise that necessitate a change in the schedule.
- Work with the team leader to develop all required skills and knowledge.
- Assist Team Leader by providing on the job coaching and mentoring for new employees.
- Follow established maintenance and work standards when performing work on equipment.
- Be familiar with the operating performance specifications of the equipment in their area of responsibility.
- Able to select the appropriate tools and test equipment to perform work on equipment.
- Maintain tools and test equipment.
- Site related print interpretation and updating.
- Install new equipment and wiring in a manner that conforms to established standards.
- Complete work assignments without direct supervision.
- Identify improvements to systems/equipment/facilities and provide information to Team Leader.
- Take responsibility for the completion of assigned work and ensure the work is of the highest possible quality.
- Perform standby duties on a regular basis.
- Respond to call outs for equipment failures and alarms.
- On site Employee in Charge & Contractor Supervision.
- Operate assigned company vehicles, maintain valid driver's license.
- Adhere to all applicable safety standards and legislative traffic laws.
- Driving to and from home base to work sites.
- Attend and actively participate in scheduled safety meetings. Attend and participate in all scheduled mandatory safety training.
- Attend & participate in scheduled technical & non-technical training.
- Perform administrative functions and tasks including preparing/completing paperwork, attend meetings, operating descriptions, planning the execution of their own work and participating in assigned projects.
- Timesheets completion. Expense accounts completion. Document safety Accountabilities.
- Able to lift 50 pounds, work at heights, and work in inclement weather.
- Other duties of a similar nature.

QUALIFICATIONS:

- Electrical Engineering Technologist Diploma, from a recognized institute of technology.
- Minimum of 1 - 3 year(s) related experience.
- Equivalent combinations of education and related ATCO experience will be considered.
- Electric Power Systems knowledge would be an asset.
- Experience in protective relay and SCADA testing would be an asset.
- Job Planning & hazard identification.
- Electrical testing of high voltage equipment.
- Protective relay testing.
- Valid driver's license.
- Good computer, time management and communication skills.
- Strong technical, problem-solving, and interpersonal skills.
- Ability to adapt to sudden changes in work priorities.
- Knowledge of all applicable safety policies, procedures, regulations.
- Environmental awareness with respect to impact of substations.
- Ability to meet SCBA (self-contained breathing apparatus) and fitness/mask fit testing requirements.

For further information please contact Lance Benoit, Supervisor, Commissioning at 780-916-2842 or by email at Lance.Benoit@atco.com.

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This position is administered under the Canadian Energy Workers Association Collective Agreement, Job Posting provisions. Please apply online with your ATCO Talent Profile through Oracle **ON OR BEFORE FEBRUARY 24, 2026.** It is important for applicants to ensure their ATCO Talent Profile or resume details the required qualifications stated above including any other supporting career information. Late applications will not be considered.

If the Company is unable to fill this vacancy through this internal Job Posting process, it may choose to advertise for external applicants. Bargaining unit members who apply on an advertisement for external applicants will be eligible to compete for the Job on the same basis as any other external candidate; the Job Positing provisions under the Collective Agreement will not apply.

Issued: February 10, 2026 **Application Deadline: February 24, 2026**