



Senior or Intermediate High Voltage Substation Technician/Technologist

K.P.C. Power Electrical Ltd. is a progressive, privately-owned high voltage electrical contractor located in Ajax, Ontario, Canada.

We specialize in high voltage substation maintenance, construction, retrofits and wholesale energy-metering services. KPC houses all specialties internally to professionally implement all work, ensuring complete customer satisfaction.

We are dedicated to improving the reliability of each power system we work on, while dramatically reducing unwanted interruptions. Our work focuses primarily on the Utility, Industry and Institutional sectors, industries where stability and reliability of power is extremely critical.

K.P.C. Power Electrical Ltd. is looking for an experienced Senior or Intermediate High Voltage Substation Technician/Technologist for our growing business. This position reports to the Division Supervisor and is responsible for providing technical field services and mentoring Junior Technicians and Technologist-in-training.

Job Description:

- Responsible for High Voltage / Power System, maintenance, commissioning, testing, troubleshooting, technical support and documentation activities to ensure compliance with specifications, codes and customer requirements.
- Inspect completed installations and observe functional operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
- Plan, research and implement methodology and procedures to apply principles of electrical / electronic engineering theory & technology to maintenance, construction, commissioning and troubleshooting projects especially related to Protection and Control.
- Prepare, review, study and edit technical diagrams drawings and specifications of electrical components and systems to ensure that application, installation and operations conform to required standards and customer requirements.
- Assist with information collection and analysis for Arc-Flash and Coordination Studies.
- Performing a wide range of engineering technology tasks by operating computer-assisted test, analysis & design engineering software and equipment.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Assess process, design, implementation and work flow variables in order to inform Project Managers and clients with respect to scheduling & cost controls.

- Prepares project reports by collecting, summarizing, analyzing and interpreting information; drawing correct conclusions and making appropriate recommendations.
- Conferring with customers, engineers and others to discuss the relevant relative merits of existing or potential engineering products or projects, problems and potential solutions.
- Provides engineering information by answering technical questions and requests.

Skills/Requirements:

- 5-10 years contractor/utility field experience
- Must have good communication skills, both orally and written.
- Proficient in use of electrical engineering design and analysis software.
- Knowledge of applicable IEEE & NETA Standards related to substation equipment tests.
- Able to locate, organize, document and analyze information using appropriate technology and information systems.
- Solve problems using a collaborative, holistic, systematic approach.
- Familiar with programs such as Microsoft Word, Excel, PowerPoint, Access, Multisim, AutoCAD, Proteus, ETAP, among others.
- Work independently and as part of a multi-disciplinary team, with & without supervision.
- Ability to establish and maintain effective working relationships with colleagues, clients, and other contractors.
- Physically fit, able to lift various types and weights of equipment.
- Ability to travel to job sites
- Safety conscious and willing to learn and adapt to changing technologies in the industry.
- Clean driving record, minimum G class license required, D class license would be an asset.

Education/Certifications:

- Post Secondary education in Electrical/Electronic Engineering Technician/Technology program or equivalent
- OACETT certification preferred

Qualified candidates can submit their resume to: humanresources@kpcpower.com, quoting position title that you are applying for in the subject line of your email.

KPC is an equal opportunity employer. We invite you to inform us should you have any accessibility or accommodation needs. Selected candidates must be legally able to work in Canada. We thank all applicants for their interest in this position, however, only qualified candidates selected for an interview will be contacted.