

About Us:

Prime Engineering is a full-service electrical engineering firm specializing in equipment design and commissioning. Our staff consists of engineers, electricians, technicians, drafters, and designers. We provide our customers with low, medium, and high-voltage electrical equipment. We manufacture and supply unit substations, electrical switchgear, and control panels by integrating only the highest quality and industry-proven equipment and manufacturers into our designs. In addition, we offer:

- Power System Protection and Electrical Designs
- Control and automation system designs
- Power System Studies: Load Flow, Coordination, Short Circuit, Arc Flash, Motor Starting, and Ground Grid
- Acceptance and Maintenance Testing and commissioning
- Project Quality Assurance Programs

With a reputation for customer service excellence, Prime Engineering specializes in taking on unique challenges and delivering creative independent power solutions across BC. Our experienced staff delivers top-quality electrical designs and field services with a focus on the design, supply, and commissioning of electrical distribution projects.

Job Summary:

We are looking for a Field Services Technician who will predominantly conduct testing, maintenance, and commissioning of a wide range of power system equipment from low voltage to high voltage levels, including retrofits and some installation work.

Taking a project management approach, their technical and troubleshooting expertise will be utilized in diverse projects to support both clients and the Prime team. Field work is a substantial percentage of this position and involves some travel, primarily in BC's Lower Mainland.

Responsibilities:

- Reporting to the Field Services Manager, conduct testing, maintenance, and commissioning, and manage the project requirements in conjunction with both internal and client requirements.
- Adhere to all Prime Engineering policies, processes, and standards.
- Work safely and efficiently on electrical systems in a variety of environments, including commercial, industrial, and utility.
- Provide technical support to both clients and Prime personnel, as required.
- Perform start-up, testing, and commissioning work on power system equipment such as transformers, switches, breakers, relays (electromechanical, solid-state, and digital), capacitors, SCADA systems, generators, motors, and more.
- Provide creative, innovative solutions to equipment requirements, including onsite retrofits.
- Provide leadership and guidance to local electrical contractors on the safe installation of certain electrical equipment.
- Liaise with and integrate electrical designs with control system designs.

- Install and maintain electrical power distribution and transmission equipment such as those mentioned above, as well as electrical equipment and apparatus in generating stations or powerhouses and commercial and industrial facilities.
- Review electrical protection and coordination studies to create relay settings files.
- Troubleshoot, repair, or replace faulty electrical equipment and apparatus.
- Assist with engineering studies including but not limited to load flow, short circuit, coordination, arc flash, ground grid, and motor starting analysis.
- Technical report writing and completion of test sheets
- Specify and select electrical equipment; prepare data sheets; prepare RFQs and material requisitions.
- Interface with vendors, review vendor bids, conduct technical evaluations, and make recommendations.
- Manage and schedule projects in conjunction with colleagues and clients' needs and demands.
- Prepare project documentation, including operation and maintenance manuals and drawings.
- Track and be responsible for project costing and profitability.
- Drive company vehicles for site visits, ensuring proper care and use of vehicles and equipment under your direction.
- Keep abreast of related industry matters through third-party resources and networks.
- Other duties, responsibilities, and activities may be assigned or may be changed at any time with or without notice.

Required Competencies:

- Capable of assuming responsibility and exercising independent decision-making.
- Able to evaluate assignments, determine procedures, and implement solutions; help schedule work to meet objectives; participate in short- and long-range planning.
- Excellent written and verbal communication skills, with the tendency to write reports whenever needed.
- Desire to learn and research topics outside of their area of expertise to implement within new designs.
- Effective time management skills with the ability to multi-task and work on multiple projects concurrently under strict deadlines
- Able to adapt quickly to changing work demands without compromising accuracy and quality of work.
- Outstanding client service
- Self-motivated and demonstrated initiative with a strong sense of urgency.
- Self-reliant and capable of working on-site independently whenever required.
- Ability to work effectively in a multidisciplinary team and interact with staff at various levels of the organization.
- Willing to travel between multiple job sites on a regular basis in the Lower Mainland area.
- Performed administrative tasks as needed.

Qualifications:

- Electrical Technologist, Power System Electrician, Electrical Engineer, or related
- Knowledge of commercial and industrial contracting environments

- Direct experience commissioning, testing, or maintaining power system equipment is preferred.
- Excellent knowledge of three-phase power systems
- Experience on single- and three-phase systems ranging from 120 volts to 360 kV is an asset.
- Familiarity with NETA testing standards and the use of test equipment, NETA certification, and experience are considered assets.
- Excellent MS Office skills
- A minimum of Level 1 Occupational First Aid in-force certification is a condition of employment.
- A valid Class 5 driver's license and a clean driving record are conditions of employment.
- Must be legally entitled to work in Canada.

What we offer:

- A company committed to a culture of problem-solving, relationship building, excitement for the work, and humility.
- An opportunity to participate in challenging, solutions-based, client-facing work.
- A competitive compensation package.
- Group insurance benefits include health, dental, vision, EAP, life, AD&D, and LTD.
- Group RRSP plan
- Sponsored social events.
- Mentorship and professional development

Job Type: Full-time, Permanent

Working Hours: 8:30 a.m.–4:30 p.m. (flexible earlier start and end)

Work location: Vancouver, BC

Working Days: Monday–Friday (with the possibility to work on weekends)

Work structure: Hybrid