

# Electrical Engineer

WHITEHORSE, Yukon Territory

Electrical Engineer - ( 2200006G )



## Description

The buildings that make up the landscape of our daily lives seem like permanent fixtures, fastened to a time and place. But what if that didn't have to be true? What if our built environment — where we live, learn, play, and conduct business — carried us forward instead?

Our Buildings practice keeps people at its heart, recognizing that our shared journey forward is shaped by the meaningful and responsive places we design. From iconic designs to monumental groundbreakings, join us to bring transformational building solutions to life. Every day we apply our expertise, creativity, and passion to propel communities into the future—join us!

## Your Opportunity

We are a multidiscipline team working across the North in multiple sectors for a variety of clients. Our projects vary in size ranging from small commercial developments to light industrial, mining, government, community and private sector facilities.

Our multidisciplinary northern office in Whitehorse, Yukon is looking for an energetic Electrical Engineer to round out our growing practice across Northern Canada.

Your role as a contributor on our professional consulting services team is to work independently on projects of varying size and complexity, and as a member of a team or project through all phases of a project lifecycle including many exciting (commercial, institutional, recreational, industrial, and health care) projects. You may lead or contribute to the development of integrated proposals using your knowledge of electrical systems, means and methods, materials, and industry standards while collaborating with team members to contribute to the final deliverables.

The Whitehorse office is a vibrant and dynamic environment with excellent opportunities for professional growth.

Whitehorse is the capital of the Yukon and is a remarkably cosmopolitan city of roughly 30,000, filled with well-educated families and professionals. The air is clean, we have a University and it's an excellent place to raise a family. It is the commercial hub for projects and communities across the Yukon and the wilderness is just steps from our downtown office. In Whitehorse northern traditions mix with the everyday lifestyles of modern Canadians from all cultures and backgrounds. The result is a unique sense of place that both welcomes newcomers and embraces new ideas.

Whether you're interested in an adventure filled with fishing, hunting, skiing, biking, hiking or snowmobiling, or just looking to live in a beautiful, small urban centre, Whitehorse could be the place for you and your family. Up here, work-life balance truly exists. Build your career AND enjoy your life!

### **Your Key Responsibilities**

- Responsible for small to large projects of various complexity in remote communities across the North.
- Evaluate, select, specify, and engineer all electrical engineered systems or products for a project.
- Engage in the development of a design through sketches, electronic models, diagrams, and other visual formats.
- Utilize BIM technologies in the development of three dimensionalthree-dimensional models of building's electrical systems and provide s markups for junior engineers.
- Prepare and revise documentation in various electrical phases including site plans, floor plans, diagrams, and details.
- Lead project coordination meetings with internal team members and/or external consultants, owner and contractor, sub-contractors, and vendors.
- Participate in client project requirement meetings, value analysis, and basic cost estimating.
- Lead the preparation and coordination of the project specifications with construction documents.
- Conduct field reviews of projects during construction to verify conformance with progress claims and construction documents and provide letters of professional assurance to the applicable authorities having jurisdiction.
- Conduct quality assurance and quality control on own projects and projects of peers.
- Assist in the development of new standards and specifications for the electrical group.
- Develop project scope, budgets, and design approach for all sizes of projects.
- Assist with the development of proposals for smaller, less complex projects.
- Oversee and manage multiple projects.

- Collaborate with other electrical engineers and discipline leaders across the region.

## **Qualifications**

### **Your Capabilities and Credentials**

- Requisite knowledge and application of Canadian Electrical Code, National Building Code and other applicable building and energy codes.
- General understanding of all phases of project document production and the relationship between drawings and specifications.
- Strong knowledge of electrical systems, means and methods, materials, and industry standards.
- Basic knowledge of class A, B, C and D cost estimates for verification.
- Ability to check the work of others for accuracy and completeness and manage time to meet project budget and schedule.
- Ability to participate and collaborate in project team setting and to engage in creative and critical thought.
- Thorough understanding of electrical engineering concepts and ability to effectively communicate ideas to others.
- Experience in construction administration – conducting site field reviews; responding to contractor's queries; reviewing shop drawings; preparing site instructions and contemplated change notices.
- Willingness to travel.
- Valid driver's license.
- Advanced oral and written communication skills.
- Presentation and interview skills are preferred.
- Project management experience is a definite asset.
- Requires understanding of Microsoft Office Suite, Revit, AutoCAD; Prefer experience with AGI 32, Visual Lighting Software.

### **Education and Experience**

Bachelor's degree or equivalent in Electrical Engineering or related field. Licensed Professional Engineer with a minimum of 8 years of experience.

Typical office environment working with computers and remaining sedentary for long periods of time. Field work may include exposure to the elements including inclement weather.

*This description is not a comprehensive listing of activities, duties or responsibilities that may be required of the employee and other duties, responsibilities and activities may be assigned or may be changed at any time with or without notice.*

Stantec is a place where the best and brightest come to build on each other's talents, do exciting work, and make an impact on the world around us. Join us and redefine your personal best.

**Primary Location** : Canada-Yukon-Whitehorse

Visit our website <https://stantec.jobs/whitehorse-yt/electrical-engineer/45AD17CFD86E47F5AD0BFC189930D762/job/> to apply.