

## **INTERMEDIATE MECHANICAL ENGINEER**

Switch Engineering is growing! We are a client focused engineering consultancy firm that helps our clients reduce energy and carbon emissions on their projects. We service clients in several industries including airports, land development, commercial buildings, and social housing. Our skilled professionals and technical experts allow us to provide best in class engineering services.

Switch Engineering is proud of our B Corp Certification, demonstrating our commitment to overall transparency, social and environmental performance. We have joined the ranks of a select group of companies spanning 130+ industries in over 60 countries. Learn more at [switch-engineering.ca/bcorp](https://switch-engineering.ca/bcorp).

We are currently recruiting a full - time **Intermediate Mechanical Engineer** to join our Edmonton office.

If you are enthusiastic, have an entrepreneurial outlook with a solid skill set and are willing to embark on a career-building and life-enriching journey, we want to hear from you!

Come grow with us and see where your training can take you.

### **As the Intermediate Mechanical Engineer, you will:**

- Develop preliminary and detailed design and engineering specification for mechanical projects such as HVAC, Chilled Water, Heating Water, Plumbing
- Use Revit to complete mechanical design, prepare engineering analysis, clash detection, and coordinate with other disciplines
- Prepare construction cost estimates
- Complete vendor shop drawing reviews, answer RFIs, and prepare construction progress reports
- Manage cross functional teams consisting of Architectural, Electrical, Structural disciplines
- Mentor / coach junior staff
- Prepare proposals and work methodologies
- Prepare energy analysis, including NECB compliance reports

### **Skills, Competencies, And Qualifications**

- Bachelor degree in Mechanical Engineering
- P.Eng status
- 4-6 years experience
- Experience designing in Revit, and digital workflow delivery
- Knowledge of the Alberta Building Code, National Plumbing Code and Natural Gas and Propane Installation Code
- Strong technical writing skill
- Demonstrated knowledge of project management principals, PMP an asset
- Self-starter and finisher, detail orientated, flexible, team player, and willing and able to do a wide variety of tasks with minimal supervision
- Strong organizational skills, and willingness to meet challenging and changing deadlines
- Positive attitude, safety-mindedness, and excellent communication and interpersonal skills
- Must hold a valid Driver's license