

Senior Mechanical Design Engineer- British Columbia

The Position

As project liaison with our valued clients, the **Senior Mechanical Design Engineer** is responsible for producing detailed design and specifications for engineering projects, ensuring complete project quality control and adherence to company and industry standards. You will guide intermediate and junior designers who are involved in the creation of sustainable building solutions which embrace environmental responsibility through use of the integrated design process, sustainable and passive design concepts, microclimate analysis and advanced building modeling tools.

Requirements:

You are a self-motivated professional Mechanical Design Engineer with a passion for working with other enthusiastic professionals in a team environment. You have a proven record of accomplishment as a team leader and designer of building systems (HVAC, plumbing and fire protection) with significant proven experience in one or more areas of specialization.

This position commands that you have excellent written and verbal communication skills, have strong technical skills, efficient time management/organizational skills, and 8 or more years experience in HVAC and mechanical services design.

- Licensed Professional Engineer (PEng) – registered or eligible for registration with APEGBC, Applied Science Technologist (AScT), or EIT designations are highly preferred, or the ability to obtain same
- LEED® accreditation is an asset
- Comprehensive working knowledge of the BC Building Codes (Alberta and Ontario Code knowledge is useful), ASHRAE, NFPA and industry standards
- Working knowledge of AutoCAD
- Strong experience in planning and managing projects, preparation of materials, cost/timing estimates, reporting and producing high level schematics/specifications
- Ability to supervise/perform site inspections, meet and coordinate with clients
- Ability to guide, motivate, and supervise junior engineering staff

- Ability to apply previous experience and knowledge of building services to a diverse range of projects in order to provide feasibility, costing, and design services to a variety of client markets