# MECHANICAL ENGINEER – BUILDINGS AND ENERGY

**Introduction**

Clean Energy Consulting (CEC) is a well-established British Columbia (BC) company with offices in BC and the Yukon, dedicated to building outstanding projects. With involvement at all stages of project development, we strive to better understand and fully accomplish the desired project outcomes for our clients. Our self-directed, hands-on team enjoys the opportunity to be involved from concept through to operation. This allows our team to learn and improve while providing ongoing challenges and opportunities for development. CEC is always looking for quality engineers, who are self-driven and appreciate the variety of work and flexible work environment that we offer.

**Summary**

CEC is currently looking for a **Mechanical Engineer (Intermediate to Senior)** to join the team. This individual will become part of our project design group and will have mechanical engineering and project management responsibilities on a diverse array of projects for the company. A primary focus will be on building mechanical systems, as well as integrating alternative energy systems into new and existing infrastructure. This would include but not be limited to district energy, waste heat recovery, biomass, solar, and power generation projects. The successful candidate will be involved in a variety of work that will include project development, feasibility studies, detailed design, and strategic business development. This is a great opportunity for someone looking to lead or contribute to unique and meaningful projects.

**Duties and Responsibilities**

- Provide project engineering and mechanical engineering services on a variety of projects
- Provide leadership, guidance, and mentoring to junior staff
- Lead select projects
- Lead select business development initiatives
- Keep up to date on applicable codes and standards, including the BC Building Code, Energy Step Code, and National Energy Code for Buildings
- Travel to project sites may be required

**Qualifications**

- Registered or eligible for registration with EGBC
- Certified Energy Manager (CEM) designation would be considered an asset

**Necessary Skills and Experience**

- Five or more years of experience working as a mechanical engineer with design experience
- Experience with commercial and industrial building mechanical systems
- Experience with energy efficiency and alternative energy systems
- Strong knowledge of building systems codes and standards (e.g., BC Building Code, National Building Code, CSA B149.1, Energy Step Code, National Energy Code for Buildings)
- Good knowledge of construction and design methods and processes
- Displays superior communication and interpersonal skills, a high level of initiative, a strong work ethic, and the ability to work well under pressure
- Displays a high degree of accuracy and attention to detail in completion of tasks
- Ability to deal with clients, employees, and others in a diplomatic and tactful fashion

This person will report to the CEC Mechanical Team Lead. This position will be based in our Prince George or Vancouver offices. CEC will also consider a portion of remote work. CEC offers a professional and engaging work environment with competitive compensation and benefits packages.

Please forward a resume with cover letter in PDF format by email to: careers@cleanenergyconsulting.ca. We thank all applicants for their interest; however, only applicants who are being considered will be contacted.