

Intermediate Sustainability Engineer

Our **Buildings Engineering** group specializes in the design and development processes unique to buildings. Working closely with our clients, our dedicated professionals help to establish and understand the specific needs of a range of building projects. This is where great ideas and rewarding careers are built. For both public and private sector clients, we provide energy engineering and performance engineering services, covering each of the major engineering disciplines – structural, mechanical and electrical. Focused on providing the most cost-effective solutions to engineering challenges, we are involved in a diverse range of projects from the initial planning stages to design, construction, and commissioning.

Our structure cultivates career growth and provides opportunities as unique as you are. Stantec offers a network of expert practitioners who draw on the experience of hundreds of accredited professionals and a portfolio of hundreds more LEED certified and registered projects. We address all aspects of the built environment, from business case analyses and life cycle costing, through design, construction administration, and post occupancy. And we're always improving: through vigorous mentorship and professional development programs, a vibrant R&D arm, and industry leadership roles. Our teams bring a holistic approach to the entire spectrum of project demands, to include: site, materials, energy, water, and buildings. Stantec's success in this arena originates from the deep-seated passion of our practitioners and an enduring corporate commitment to sustainability.

One Team. Infinite Opportunities.

Stantec in Calgary is currently seeking an **Intermediate Sustainability Engineer**. Reporting to the Managing Lead of the Sustainable Solutions team within Stantec's Building Engineering group, the purpose of this position is to provide direction and leadership in the execution of sustainability projects, including alternative energy and energy efficiency engineering.

Responsibilities include but are not limited to:

- Project management of sustainability projects, primarily in alternative energy
- Business development
- Manage and analyze alternative energy projects including design
- Building energy modeling
- Carbon management including quantification, validation, verification etc.
- Transient thermal analysis
- Liaise with technology vendors, clients and internal contacts within the Building Engineering discipline
- Supervise and mentor junior technologists and engineers in project execution

The successful candidate will possess the following:

- Bachelors degree from a recognized post secondary institution in Engineering or related Science discipline (Mechanical Engineering preferred)
- Minimum 4 years experience in engineering preferably in an industrial setting
- Registration as a Professional Engineer is preferred
- Experience in building energy efficiency would be considered an asset
- Experience in alternative energy including any of the following technologies would be considered an asset: solar thermal, solar PV, wind, geo-exchange, cogeneration, district energy, biomass, and ocean energy
- Experience in carbon management would be considered an asset
- LEED Accreditation would also be considered an asset
- Proficiency in one or more of the following: TRNSYS, IES Virtual Environment, eQUEST, EnergyPlus and/or Therm.

Qualified candidates who are highly motivated and eager to commit to Stantec's strategic initiative to become a Top 10 global design firm should submit their resume and cover letter, online at www.stantec.com/careers.

Committed to the principles of Employment Equity, we thank all candidates; however, only those selected for an interview will be contacted.

One Team. Infinite Solutions.

