

## MECHANICAL ENGINEERING TECHNOLOGIST

Kerr Wood Leidal Associates Ltd. is seeking a newly graduated Mechanical Engineering Technologist to work in our Burnaby, BC office. The position will primarily focus on the planning, design and construction of District Energy Systems.

Typical project work would include:

- Mechanical / Process & Civil drafting in CAD;
- Modelling in Excel, WaterCAD, TERMIS and Caesar2;
- Design calculations for sizing district energy piping, heating, cooling and heat transfer equipment;
- Assistance with the preparation of load forecasts, cost estimates, shop drawing and field reviews; and
- Assistance with the preparation of design drawings and specifications for tendering and construction.

### WHAT WE'RE LOOKING FOR

*The right person...*

You enjoy working hands-on and excel at problem solving efficiently. You will work with the project team on a wide range of district energy projects.

Your qualifications, strengths and interests should include the following:

- Attention to detail with a strong ability and willingness to learn new concepts and skills on the job;
- Willingness to work as part of a team both in the office and at construction sites to complete projects, with good communication skills and a high degree of personal accountability;
- Experience with CAD programs such as AutoCAD or similar 3-D mechanical design programs;
- Ability to apply fundamental engineering concepts such as thermodynamics and heat transfer to projects and to problem solve efficiently;
- Strong MS Excel skills

The following skills and abilities will be considered an asset:

- Experience with finite element, stress, fluid and heat modeling software;
- Piping experience for industrial or HVAC applications; and Familiarity with BC Building Code and ASME B31.1 Series codes.
- Strong technical writing skills

### Required Qualifications

- Mechanical Engineering Technologist with Mechanical Design or Mechanical Systems Specialization from a BC accredited program and Registered as a GradTech with ASTTBC.

### WHAT WE OFFER

KWL offers an extremely supportive work environment with teams of like-minded individuals, with highly competitive compensation, benefits, and profit sharing.

As part of our efforts to foster a creative and industrious workplace, we encourage employees to develop their own work schedule, which includes flexible work hours.

Our firm has won numerous awards, including the Schreyer Award – Canada's highest honour for consulting engineering achievement – and Awards of Merit and Excellence from various national and provincial professional engineering associations.

### INTERESTED?

Please respond, referencing "Mechanical Engineering Technologist", (Adobe Acrobat files only) on our careers page, <http://www.kwl.ca/careers>.

Kerr Wood Leidal Associates Ltd.  
200 – 4185A Still Creek Drive  
Burnaby, B.C. V5C 6G9

*We thank all candidates for their interest; however,  
only those selected for an interview will be contacted.  
No phone calls please.*

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KWL is an employee-owned, mid-sized consulting engineering firm with offices in Greater Vancouver (Burnaby), Nelson, Vernon, Victoria and Calgary, AB. Founded in 1975, KWL has grown to a staff of over 170. Our expertise is water, in all its implications for engineering projects—from water supply and resources, to wastewater treatment and stormwater management, water-based power generation and the many aspects of water that can affect land.

**engineering excellence**  
since 1975