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ENGINEER - ENERGY EFFICIENCY

Under the supervision of the energy efficiency team leader, you will be actively involved in HVAC design activities, carrying out calculations, simulations and studies that will help shape the direction of various projects and systems. You can choose to work from our Montréal, Brossard or Sainte-Thérèse office.

What responsibilities and tasks can you expect?

- Run energy simulations using OpenStudio and IES VE;
- Help prepare compliance reports for the NECB energy code, LEED, Zero Carbon Building (ZCB) and CMHC;
- Calculate effective thermal resistance values for building envelopes;
- Carry out implementation studies to improve mechanical and electrical systems in existing buildings;
- Help prepare energy audits;
- Submit and follow up on financial assistance applications to Hydro-Québec, Énergir and TEQ;
- Assist the design team in developing concepts that optimize building energy performance;
- Perform heating and cooling load calculations to size electromechanical systems;
- Run energy simulations to calculate natural gas and electricity consumption;
- Take part in the LEED green building certification process;
- Prepare grant applications and follow up with the various organizations: Hydro-Québec, Énergir, TEQ;
- Gather and consolidate information from external sources, such as energy bills, drawings and specifications, shop drawings, purchase orders and other documents required by grant programs.

What are the requirements for this position?

- Bachelor's degree in mechanical engineering or any other equivalent training;
- 3 to 5 years or more of relevant experience in energy efficiency;
- Experience in consulting engineering (an asset);
- Knowledge of automatic controls (an asset).

What skills are we looking for?

- Strong verbal and written communication skills in French
- Working knowledge of English required to understand the many technical references used in our industry. English is used anywhere from *occasionally* to *daily*, depending on current projects and clients
- Proficiency in Microsoft Office
- Knowledge of or proficiency in energy simulation software such as OpenStudio, IES VE, HAP, SIMEB or eQUEST (an asset)
- CEM and LEED AP certifications (an asset)
- Knowledge of Quebec construction codes and standards.

What qualities are we looking for?

- Discretion
- Autonomy
- Organization and time management
- Sound judgment and loyalty
- Team spirit
- Strong communication and negotiation skills
- Interpersonal skills
- Analytical and synthesis skills

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Why join our team?

With more than 65 years of experience, Dupras Ledoux is a consulting engineering firm specializing in building mechanical and electrical engineering, with offices in Montréal, Brossard and Sainte-Thérèse. Dupras Ledoux employs nearly 100 people with a wide range of skills and areas of expertise, from all walks of life. We are a multicultural team that promotes inclusion and sees diversity as a real strength. We value fairness and dignity for all, regardless of gender, ethnic origin, religion, age, sexual orientation or any other aspect of identity.

At Dupras Ledoux, you will have the opportunity to work on a wide range of projects, from institutional buildings to condo towers, as well as cultural centres, sports facilities and much more. The firm stands out for its commitment and its collaborative culture, where every team member, including our engineer partners, plays an active role in the design of each project. Join us for a rewarding career where you can learn from their experience and expertise while sharing your own ideas and talents.

Other benefits you'll enjoy:

- Enjoy competitive pay and a competitive benefits package;
- Work remotely with the high-performance tools we provide;
- Grow your RRSP with our annual contribution;
- Benefit from a group insurance plan: life, health, dental, disability, drug and even travel insurance, as well as a telemedicine service;
- Enjoy every Friday afternoon off thanks to our flexible schedule;
- Take part in activities organized by our Workplace Happiness Committee.

To apply, send your application to **rh@dupras.com**
To see our other job openings, visit **www.dupras.com/en/carrieres**

NOTES

- Proficiency in English is an asset given the many English-language technical references in our industry.
- Only candidates selected for an interview will be contacted.
- We are committed to the principle of employment equity.