



PROJECT ENGINEER

Winner of the *Global Water Company of the Year* at the 2020 Global Water Awards, H₂O Innovation is a leader in customized water and wastewater treatment solutions using membrane technologies. We have an enthusiastic team of professionals working in an international and ever-growing environment. H₂O Innovation work culture is based on 3C's: **Celebrate & Communicate & Care**.

Our values (L'EAU): Loyalty – Entrepreneurship – Achievement – Unity

THE POSITION:

The **Project Engineer** will hold a permanent and full-time position and will work in one of H₂O Innovation's offices (Quebec, QC, Oakville, ON, Calgary, AB or Champlin, MN locations). The Project Engineer will guide the technical design and execution of projects from purchase order to start-up.

THE DAY TO DAY:

- ◆ Development of equipment skid layouts to optimize footprint, fluid dynamics and ease of operation with the assistance of the drafting team;
- ◆ Collaborate closely with project managers and clients to incorporate best design practices;
- ◆ Liaise with electrical, controls, and process teams and external specialty engineering resources routinely;
- ◆ Oversee preparation of 3D drawings for complete water treatment systems;
- ◆ Ensure that equipment selection is compliant with project's mechanical specifications and that standards are met (ASME, NSF, CSA/UL, ASTM etc.);
- ◆ Work with manufacturing and design groups to integrate improvements into shop drawings;
- ◆ Develop hydraulic calculations and select equipment, material of construction for pumps, valves, blowers, analytical instruments;
- ◆ Prepare lists of equipment, instruments and valves for procurement;
- ◆ Create process drawings such as P&IDs and PFDs;
- ◆ Create or fill out specification sheets for selected equipment, as required by project specifications and internal standards;
- ◆ Prepare engineering documents such as functional descriptions, operation and maintenance manuals, quality inspection programs, etc.;
- ◆ Travel to design meetings, conduct shop inspections and assist with on-site plant start-ups as required.

THE IDEAL CANDIDATE FOR THIS POSITION WILL HAVE:

- ◆ A degree in chemical, environmental, civil or mechanical engineering or equivalent;
- ◆ Related work experience – in water treatment or similar field, an asset;
- ◆ The ability to work on multiple projects simultaneously;
- ◆ Excellent written and oral communication skills in English;
- ◆ The ability to communicate in French, an asset;
- ◆ Knowledge of drinking and wastewater, an asset.



The selected candidate will also be recognized for **organizational skills, rigor** and **attention to detail**. They will be **autonomous** in addition to being comfortable in a **multi-tasking environment**. The candidate will act as a **team player**, who not only will **share knowledge**, but who will also have the desire to **learn continually**. Lastly, they will demonstrate a **professional** and **positive attitude** towards their team and external & internal clients.

CONDITIONS

In addition to the daily motivating challenges, the extraordinary team and the rewarding work environment, the ideal candidate will enjoy the following benefits:

- ◆ Competitive Annual Salary;
- ◆ Profit sharing program;
- ◆ Group health insurance plan;
- ◆ 401K or RRSP (depending on candidate location) plan with employer match;
- ◆ Stock Purchase Plan;
- ◆ Paid vacation, sick days;
- ◆ Flexibility.

JOIN US!

To apply for this position, please send your resume and a cover letter by e-mail to hr@h2oinnovation.com.

H₂O Innovation is an equal opportunity employer.

Only applicants selected for an interview will be contacted.

TO LEARN MORE ABOUT H₂O INNOVATION:

<https://www.h2oinnovation.com/>