



JUNIOR PROCESS ENGINEER-IN-TRAINING

CALGARY, ALBERTA

Swirltex Inc. (Swirltex) is focused on the development and application of innovative technologies for the treatment of difficult wastewater streams. Our expertise and solutions have demonstrated the ability to provide safe reliable water for reuse applications. Our patented process and modular system saved energy, is economical, and provides a service to customers where they need it when they need it.

Since the beginning we have thought about innovative ways to manipulate an incoming waste stream that enhances conventional treatment. We are focused on our customers and always developing new solutions to meet their challenges.

Our vision is to change how water filtration has been done in the past to help industries and municipalities turn a waste into a resource towards a Net Zero Water future.

Purpose of the Position

At Swirltex we are always striving to do things differently! We are looking for a Junior Process Engineer-In-Training who thinks outside of the box and are looking to work with an exciting innovative wastewater treatment technology. As an energetic, highly motivated team player, the successful candidate will also have in-depth knowledge of various wastewater treatment technologies and applications.

At Swirltex, our team is the key to our success. We take pride in recruiting the best talent available for all areas of our business.

Responsibilities and Accountabilities

- Assists in process design and equipment sizing for Swirltex wastewater treatment systems
- Supports engineering design to size/select individual components that support overall system design, such as piping systems, chemical feed systems, and process-specific treatment systems
- Collect background data on water/wastewater infrastructure and community requirements
- Collect and analyze data specific to project scope
- Analyze data on water/wastewater infrastructure
- Assess existing water/wastewater infrastructure
- Coordinate with the drafting team to develop detailed design drawings
- Support development of front-end contract specifications for procurement

- Assist with construction management activities, such as reviewing budgets, schedules, shop drawings, requests for information enquiries, contractor progress claims, material performance test reports, etc.
- Update and contribute to project deliverable requirements
- Create training materials and train customers and operators on Swirltex technology;
- Installation and commissioning of new equipment at customer sites;
- Actively communicate and engage stakeholders;
- Assist with the commissioning of water/wastewater infrastructure

Qualifications

- B.Sc. in Engineering. Degrees in Civil, Civil-Environmental, Mechanical, or Chemical Engineering are preferred
- Registered with APEGA and in good standing
- 1 to 5 years' experience in a technical role in the wastewater treatment industry;
- Minimum 2 years directly involved in the design/fabrication/installation/operation of water and/or wastewater treatment systems
- experience in the following key technology areas: ultrafiltration, DAF, Settling clarifiers, biological treatment, wastewater nutrient removal (ammonia, nitrates, phosphorus), metals removal.
- Excellent customer service skills with a focus on relationship building;
- Excellent problem solving and analytical skills;
- Excellent written and oral communication skills;
- Demonstrated ability to work in a collaborative team environment with engineers, trades, programmers, and technical professionals;

Location and Travel

- Calgary, AB
- Travel: Up to 30%;
- Must have a valid passport and driver's license;

We thank all applicants for their interest in our organization, however; only those selected for an interview will be contacted.

Please email resume and cover letter to careers@swirltex.com