

Intermediate Civil/Structural Engineer

KGS Group is seeking an **Intermediate Civil/Structural Engineer** to join our well established Civil/Structural Department in **Mississauga, Ontario**.

About Us

We are KGS Group, an employee-owned, multidisciplinary engineering consulting firm serving clients throughout North America. **We're different than traditional engineering firms.** We believe a commitment to lasting relationships is just as critical as the expertise applied in our work. To us that means we put our clients and people first. We have the discipline to consistently deliver KGS Quality, never taking the easy way out. We always look closer and dig deeper. And no matter the project, we care enough to do it right.

As an employee-owned company, we're invested in our work and our people. Working with us means you'll be part of some of the most interesting projects across Canada, the U.S. and beyond. With the extensive, wide-ranging expertise within our company, you'll have countless opportunities to learn and grow.

The Role

We are seeking applicants for an Intermediate Level Structural Engineer role in our Mississauga, Ontario office with experience working with concrete and steel structures. The successful candidate will gain valuable experience in the hydroelectric field, working alongside a group of senior engineers working on projects involving heavy civil project design (including design of hydropower stations, water retaining structures and flood control structures), addressing stability, seepage and settlement issues. The successful candidate will also gain knowledge in the dam safety assessment of hydroelectric facilities.

Responsibilities include

- Carry out structural analysis and design for various structures including small hydro dams and hydroelectric facilities
- Prepare all deliverables for the project including reports, calculations, drawings and/or specifications
- Prepare calculations and select equipment. May assign tasks to designer and CAD Technician where appropriate

- Prepare proposals
- Perform structural inspections
- Provide construction field support in local and remote areas
- Review shop drawings and contractor's submittals
- Assist in the delivery of projects on time, on budget and in accordance with quality objectives

About You

- Minimum of 5 years of experience in civil/structural engineering
- Bachelor's degree (B.S.) in civil engineering from a recognized university (Master's degree is an asset)
- Must be registered or eligible for registration as a Professional Engineer in Ontario
- Experience in the hydroelectric field with heavy civil projects, including water retaining structures and flood control structures, and knowledge of the Canadian Dam Association (CDA) Dam Safety Guidelines is an asset
- Good knowledge of CAN/CSA 23.3 – Design of Concrete Structures, CAN/CSA S16.1 - Limit State Design of Steel Structures, and National Building Code of Canada
- Strong structural analysis and engineering design skills
- Highly proactive with exceptional problem solving/analytical skills
- Strong proficiency in Windows Microsoft Office
- Experience with Mathcad and STAAD.Pro is an asset
- Excellent oral & written English skills
- Must possess a valid driver's license and the ability/willingness to undergo security clearance checks
- Travel to various outdoor sites. Durations at the sites will be determined by project needs

The KGS Group Mississauga office offers a hybrid work structure for eligible employees. The option to work from home or from the office is based on the demands of specific tasks.

KGS Group is an employee-owned equal opportunity company offering an excellent compensation and benefits package.

KGS Group welcomes and encourages applications from people with disabilities. Upon request, KGS Group will provide reasonable accommodation for disabilities to support participation of candidates in all aspects of the recruitment process.