

WE'RE HIRING

Intermediate/Senior Mechanical Engineer

KGS
GROUP

ABOUT US

We are an employee-owned, multidisciplinary engineering consulting firm serving clients across North America and beyond. Our team of engineers, scientists, technologists and support staff is dedicated to excellence in engineering and project management.

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 people first. From professional development opportunities to an open, flexible and collaborative work environment, a career at KGS is like no other.

Working with us means you'll be part of some of the most interesting projects across Canada, the U.S. and beyond. We believe we set our own boundaries by what we're willing to attempt and strive to push the limit on what's possible. That's the KGS way.

THE ROLE

In this role, you will lead and support a range of mechanical engineering projects, from small-scale tasks to complex, multi-disciplinary initiatives. You will develop effective design solutions while collaborating across disciplines. The position provides strong opportunities for professional growth, including project management, client engagement, and business development, tailored to your skills and career goals.

Your Key Responsibilities:

- Lead the design of modifications to existing balance-of-plant mechanical systems, as well as the development of new mechanical systems for water control structures and hydroelectric generating stations, including participation in the planning and design of new hydroelectric facilities
- Act as the Owner's Engineer on large-scale water infrastructure and hydroelectric projects, providing technical oversight throughout project planning, design, procurement, construction, and commissioning phases

- Apply specialized mechanical engineering expertise while collaborating effectively within multidisciplinary project teams. Experience related to dam safety assessments and programs is considered a strong asset
- Prepare, review, and approve engineering reports, technical specifications, design calculations, studies, and other project documentation
- Coordinate with engineers, technologists, and specialists from multiple disciplines to successfully deliver projects while maintaining quality standards, schedules, and budgets
- Provide technical leadership and senior-level review of engineering deliverables, offering guidance, mentorship, and constructive feedback to junior and intermediate staff
- Support business development initiatives by developing and maintaining client relationships, identifying opportunities with new and existing clients, and contributing to proposals and project pursuits
- Manage project scope, resources, schedules, and budgets while ensuring client expectations and project objectives are achieved
- Travel to project sites as required to support inspections, client meetings, condition assessments, construction activities, and commissioning; travel is generally limited but may vary based on project and client requirements

ABOUT YOU

To fill the role, we're looking for an applicant to bring forward a good mix of qualifications and previous experiences.

- Bachelor's degree in Mechanical Engineering from a recognized university; a post-graduate degree is considered an asset
- Minimum of eight years of mechanical engineering experience, including demonstrated project management experience related to budget tracking, schedule management, and project delivery
- Registered, or eligible for registration, as a Professional Engineer (P.Eng.) in Manitoba Registration, or eligibility for registration, in other Canadian provinces is considered an asset
- Excellent verbal, written, and interpersonal communication skills
- Previous consulting experience and experience within the hydroelectric industry are considered strong assets
- Demonstrated experience conducting site inspections, condition assessments, design development, and construction support services
- Experience with one or more of the following systems and equipment is preferred: cranes and hoists, water control gates, turbines, generators, ventilation/HVAC systems, compressed air systems, drainage systems, oil/water separators, and fire protection systems in generating stations. Candidates with other relevant mechanical design experience will also be considered

- Proven ability to work independently with minimal supervision and provide senior technical review of designs, calculations reports, and other engineering deliverables, offering guidance and direction to project team members
- Ability to review, comment on, and approve engineering designs and technical reports while ensuring compliance with applicable codes, standards, and project requirements
- Valid driver's license and willingness to travel to project sites as required
- Ability and willingness to obtain and maintain required security clearances

TO APPLY:

Interested applicants should apply to the position through our website using this link:

https://successfactors.kgsgroup.com/job/Senior-Mechanical-Engineer/609-en_US.

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

KGS Group is dedicated to fostering an inclusive, respectful and accessible workplace. We welcome applications from individuals of all abilities and are committed to providing accommodation, upon request, to ensure full participation in every stage of the recruitment and selection process.