

Action and Reaction!

I/O Design & Engineering Ltd. wants to be that unbalanced force that propels you to making a meaningful career change that engages your mechanical design talents and accommodates your life passions. A broad range of industries and companies draw upon I/O Design's expertise including hydroelectric, pulp and paper, smelting, mining, and marine port. We are driven to provide detailed design and fabrication ready drawings and to extract the full value of the information generated throughout our design process.

What powers us?

I/O Design's power comes from our employees. We ensure employees are not left to twist in the wind by setting clear goals, providing support through mentorship, and empowering employees to grow professionally and personally. We are a small consulting firm located in the beautiful and rural West Kootenays. The lifestyle attracts a diversity of people who thrive in vibrant small towns and enjoy outdoor activities year-round.

Every I/O Design project is unique with new constraints, challenges, and opportunities to create one-off designs. We regularly use the best available design, 3D scanning and VR technology when developing solutions. Employing innovative individuals who enjoy collaborating and problem-solving ensures quality designs that meet our clients' needs.

Hooked on the idea of a flexible work schedule?

As a designer you understand that some designs need to be adaptable, and we understand that accommodating employees' schedules reduces stress and accommodates life as it happens. Health and wellness of our employees is key. We offer extended benefits program, financial bonuses, and most importantly, flexible work schedules. Need to work around childcare commitments, want to take a powder day, or looking for a hybrid schedule? We will work with you to find the balance you need.

Parameters and constraints.

Your contribution to this team will include collaborating with project coordinators, engineers, designers, drafters, and clients to **develop mechanical and structural steel designs from concept through detailed drawings**. Unique among consultants, this position provides the opportunity for field work to scope projects, complete field measurements including 3D scanning, and see your solution in operation.

Individuals with 0-5 years of experience and the following skills will be strong candidates for the position:

- completion of a 2-3 year mechanical engineering technology program
- knowledge of **Autodesk Inventor** software,
- knowledge about **mechanical design**,
- knowledge about **structural steel and steel fabrication**,
- knowledge about designing for heavy industry,
- ability to develop conceptual sketches into detailed 3D designs,
- confidence to directly communicate with engineers, tradespeople, and operators through verbal and written communication,
- ability to safely work in heavy industrial facilities including the ability to conduct field measurements,
 - requires meeting client site safety requirements such as wearing full-face and half-face respirators.

Only applicants who submit a resume and cover letter to jobs@iodesign.ca outlining the following will be contacted.

- Your strategies for both learning I/O Design's processes and integrating into a small consulting company.
- Your passion for mechanical design.
- How you manage information to ensure accuracy, relevancy, and timely delivery throughout a project lifecycle.
- Why you are interested in living in the West Kootenay region.

Starting wage will be between \$25 and \$31 per hour depending on skills and experience.

