

## MECHANICAL DESIGN ENGINEER

### ABOUT US

Questor ([www.questortech.com](http://www.questortech.com)) is an award-winning, international clean technology company focused on emissions reductions and helping our clients get to net zero. We are well known for our technical expertise in this space and for producing the world's most efficient and highest performing patented waste gas combustion solutions.

### THE POSITION

This is an outstanding opportunity to add significant value to a team of a highly regarded design and operations engineers doing pioneering work in the global emissions reduction space.

Questor is looking for a Mechanical Engineer to assist with design and manufacturing of our existing clean combustion, enclosed incinerators as well as development of our new integrated Waste Heat to Power modular Organic Rankine Cycle (ORC) and data solutions. This is a collaborative work setting where you can contribute to a variety of projects and grow with a dynamic company.

### THE CANDIDATE

- A passion for the clean tech energy space, with an entrepreneurial mindset
- Customer focused with strong communication skills
- Enjoys a fast-paced, team atmosphere
- Thrives on challenges and skilled at managing changing priorities
- Approaches problems in a thoughtful, structured manner with a focus on task completion
- Comfortable with shifting work focus between design, operations and direct customer interface
- Background in oil and gas is an asset

### MECHANICAL DESIGN ENGINEER ROLES AND RESPONSIBILITIES

- Sizing, design, and optimization of incinerators based on technical information provided by the clients and creating corresponding design reports in compliance with relevant regulations and industry standards
- Perform mechanical and structural calculations with the use of analysis software/ hand calculations
- Act as client focal point on specific projects along with providing engineering and operational support
- Perform testing of new designs and generate internal reports and presentations
- Visit fabrication shops, Questor's Field office and project installations, client sites as appropriate.
- Provide support and mentorship for our Junior Engineers

### QUALIFICATIONS AND SKILLS

- Bachelor's degree in Mechanical Engineering
- 4-8 years of relevant experience, P.Eng. preferred.
- Registration as P. Eng. in BC/SK in addition to AB an asset.
- 2-4 years industry based Solidworks experience with a high degree of proficiency
- Familiarity with CSA B149.3 gas code, ASME B31.3, AER Directive 60 an asset
- After Sales and Services/Operations support experience an asset
- Experience in the field valued



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## WHAT WE OFFER

Questor is a company that is driven to grow and expand our net zero based product offering, and we are looking for great people to join us. We offer a competitive compensation package, including an annual bonus program, stock based long-term incentive plans, health spending account and flexible working hours.

**To apply please submit your resume and cover letter to [hr@questortech.com](mailto:hr@questortech.com)**

No Agencies or phone calls please.