

## MECHANICAL DESIGN ENGINEER

### ABOUT US

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

### POSITION OVERVIEW

Are you a highly motivated, proactive, passionate professional that thrives in a fast-paced corporate environment? This is an outstanding opportunity to add significant value to the team of a highly regarded and longstanding company 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 ORC and data solutions. This is a collaborative work setting where you have the opportunity to contribute to a variety of projects.

Success is defined in this role as someone who partners effectively with the Engineering and Operations Team, is a critical thinker, is organized, effective at prioritizing, able to manage multiple deliverables and offer solutions to problems with a high level of professionalism and confidentiality with a desire to continually learn, grow and contribute to the team.

### THE CANDIDATE WE ARE LOOKING FOR

- Outstanding project management skills with impeccable prioritization, organization, and multi-tasking abilities
- A passion for the clean tech energy space, with an entrepreneurial mindset
- Ability to quickly adapt to new circumstances as they arise
- Strong attention to detail
- Pragmatic and able to solve problems independently
- Intuitive thinker, able to look outside of the box thinker
- Helps foster a culture of quality, ownership, and accountability within the company
- Professional and client focused
- Excellent communication skills
- Able to work effectively within a diverse team
- Maintains utmost level of confidentiality at all times
- Enthusiastic, can-do attitude
- Background in oil and gas

### MECHANICAL DESIGN ENGINEER ROLES AND RESPONSIBILITIES

Roles and Responsibilities include:

- Design of equipment using Solidworks and AutoCAD
  - Create manufacturing drawings for fabrication and assembly
  - Create engineering drawings for approval and construction.
- Perform mechanical and structural calculations with the use of analysis software

- Sizing, design, and optimization of incinerators based on technical information provided by the clients, and creating corresponding design reports,
- Client interaction, assisting with coordination of various stakeholders for meetings and project execution,
- Visits to fabrication shops, Questor's Field office and project installations, client sites as appropriate,
- Maintain relevant tickets and certifications in order to access worksites and workplaces (i.e., H2S Alive and First Aid),
- Ensure designs are in compliance with relevant regulations and industry standards
- Perform testing of new designs and generate reports/presentations to inform the team
- Act as Project Engineer assigned to specific project
- Provide engineering support for field services and operations

### QUALIFICATIONS AND SKILLS

- Bachelor's degree in Mechanical Engineering
- 4-6 years of relevant experience, P.Eng. eligible in AB, P. Eng. Status an asset
- 2-4 years industry Solidworks experience
- Familiarity with CSA B149.3 gas code, ASME B31.3, AER Directive 60 an asset
- Self-starter and team player with strong communication skills
- After Sales and Services/ Operations support experience an asset
- Registration as P. Eng. in BC/SK in addition to AB an asset.

### WHAT WE OFFER

Questor offers a competitive compensation package, including annual bonus, 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.