



DESIGN ENGINEER, EIT

ABOUT US

Questor (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 to hire a Design Engineer, EIT to assist with design and manufacturing of our existing product line of incinerators as well as development of our new integrated Waste Heat to Power modular ORC and data solutions.

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

- Demonstrates a good understanding of project management skills with excellent 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
- Prior field experience is an asset

DESIGN ENGINEER, EIT ROLES AND RESPONSIBILITIES

Roles and Responsibilities include:

- Assistance in Design of equipment using Solidworks and AutoCAD
- Size equipment such as pumps, heat exchangers and fans
- Ensure designs are in compliance with relevant regulations and industry standards
- Perform testing of new designs and generate reports/presentations to inform the team
- Create engineering drawings for review, approval, and construction

- Perform mechanical/ structural/ process calculations with the use of analysis software
- Assistance in Sizing, design and optimization of incinerators and ORC heat to power generators 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),
- Assist Project Engineer(s) with project specific designs and drawings
- Assist with engineering support for field services and operations

QUALIFICATIONS AND SKILLS

- Bachelor's degree in Chemical or Process Engineering
- Process design experience, HYSYS, Symmetry or ProSim experience will be considered an asset
- R&D testing experience an asset
- Experience of performing FEA/CFD will be considered an asset
- Eligible to register as EIT with APEGA
- Working knowledge of Solidworks and ACAD
- Familiarity with CSA B149.3 gas code, ASME B31.3, AER Directive 60 an asset
- Self-starter with strong communication skills
- Willingness to learn and be a team player

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

No Agencies or phone calls please.