We are looking to hire a skilled Mechanical Engineer to assist in the design of combined heat and power systems (CHP) and biogas conditioning equipment for projects around the world.

To ensure success as a Mechanical Engineer, you should have excellent knowledge of machine mechanics, a logical approach, and the ability to work with minimal supervision. A skilled Mechanical Engineer should be able to easily perform fluid and thermal calculations to ensure the success of a project.

Mechanical Engineer Responsibilities:

- Traveling to clients' locations.
- Meeting with clients to discuss their mechanical design needs.
- Drawing mechanical schematics to demonstrate how processes will work by creating PFDs and P&IDs.
- Perform engineering calculations to support design work.
- Strong understanding of fluids, heat transfer, and thermodynamics.
- Ensuring that products meet compliance regulations.
- Testing mechanical systems for efficiency, safety, and reliability.
- Troubleshooting production, maintenance, and service issues.
- Documenting development processes.
- Create and review technical drawings, plans, and specifications using computer software.
- Preparing documents to instruct users how to operate and maintain their equipment in a safe fashion.
- Collaborate with multi-disciplinary engineering teams, and work with vendors and contractors.
- Ensure project timeline is met and project stays within budget.
- Providing clients with technical support.
- Providing guidance and support to the Technicians.
- Offering training to the Technicians and other team members.
- Working in coordination with Engineering, Production, and Project Management teams.

Mechanical Engineer Requirements:

- Bachelor’s degree in Mechanical Engineering from an ABET accredited institution.
- Successfully passed the FE exam.
- Mechanical engineering experience preferred.
- In-depth knowledge of industrial, electrical, and mechanical processes.
- Firm grasp of engineering concepts, and experience designing mechanical systems and products.
- Excellent math skills: ability to apply advanced mathematical principles to solve problems.
- Exceptional logic reasoning and problem-solving abilities.
- Proficiency in CAD software such as Autodesk Inventor and AutoCAD.
- Detailed knowledge of FEA simulation techniques.
- Ability to work with minimal supervision.
- Ability to travel when required.
- Good oral and written communication skills.
- Ability to solve complex problems.
- Good organizational and time management skills.
- A keen eye for details for accuracy.
- Ability to work independently or in a team environment.