

Hands-on Electrical Engineer for Scaling Electrochemical Reactors

Danish Graphene, a material tech company, invites experienced electrical engineers to join our dynamic and innovative team. We are entering the global market and expanding our organization rapidly over the next 3 years if you want to be part of this journey and have a passion for scaling technology then this is your opportunity.

About Us

Danish Graphene specializes in manufacture of functional graphene and development of smart carbon nanomaterials for batteries, space composites, and various other applications. The company is at the forefront of graphene innovation, utilizing a green electrochemical process to produce high-quality carbon nanomaterials and functional graphene.

We are committed to creating advanced materials that contribute to the shift from a fossil-based society to a sustainable and circular future. Our mission involves renewable energy-driven processes to produce graphene materials, playing a pivotal role in extending battery life, eliminating toxic metal particles, and enhancing the strength and durability of composites.

As our electrical engineer you will play a lead role in pushing this technology into industry-scale production. Join a team of dedicated engineers and chemists, making a difference.

Why Join Us?

- **Innovative Technology:** Be part of a company shaping the future of the graphene industry and electrochemical reactor technology
- **Rapid Expansion:** Join us during this exciting phase of growth as we expand both our activities and our talented team
- **Impactful Role:** Take the lead and help design, plan, and build our industry-scale graphene production

Job Description

In close collaboration with our team of mechanical and chemical engineers, you will play a key role in the design and construction of electrical systems for our reactors.

Initially, your focus will be on smaller production units and demonstration systems, where you will serve as the primary contributor and technical lead. In the coming two years, your responsibilities will expand to include the development and construction of full-scale reactors and large-scale production facilities. We are looking for someone who can quickly take ownership of their work, drive projects forward, and actively contribute to our ambitious scale-up plans.

You will join a team consisting of a mechanical engineer (Máté Glazer), two chemical engineers (Kristian Birk Buhl and Celine Ballegaard Karlsen), a chemist (Christian Lund Jakobsen), and a manufacturing technician (Alberto Balocco). In the coming months, additional team members will be onboarded to

support our expanding operations. This team is responsible for the development of our production demonstration line, with the goal of scaling the technology to full commercial capacity within a few years.

Key Responsibilities Include:

- Design and document electrical systems for our reactor setups
- Program PLCs or control systems to support reactor functions
- Ensure compliance with electrical safety standards and internal quality procedures

What We are Looking For

- Hands-on experience with building and wiring electrical panels and systems
- Strong background in electrical engineering or electromechanical systems
- Proficiency in reading and creating electrical schematics

Perks and Benefits

- **Dynamic Team:** Collaborate with a highly dynamic group of engineers and material chemists
- **Career Growth:** Seize the opportunity to become a key player in future company activities as the company is on the verge of scaling the technology
- **Work Environment:** Enjoy a diverse and innovative work environment with the flexibility to organize work hours in relation to family and commuting

Apply

Apply now by sending your resume and cover letter to career@danishgraphene.com. Please include "Electrical Engineer, your name" in the topic of your email. For any questions regarding the position write to career@danishgraphene.com.