

Lead Electrolyser Engineer

About Hychor

Hychor is dedicated to advancing hydrogen technologies for the production of clean and sustainable green hydrogen. With a focus on utilising seawater as the primary resource, Hychor leverages innovation to address global energy challenges. Through cutting-edge research and pragmatic design, our mission is to drive the energy transition across the globe.

Join us on our mission in powering tomorrow with seawater!

The Role

The Electrolyser Engineer will be responsible for designing, developing, and optimising our unique electrolyser stack from kW to MW. Day-to-day tasks include designing system architecture, conducting performance testing, ensuring lab compliance, and troubleshooting technical issues. You will collaborate with our key partners in delivering research projects and implementing innovative solutions for our electrolyser stack.

This is a full-time, on-site role based in Aberdeen, Scotland.

Qualifications

- Background in **electrolyser stack design**, electrochemical processes, and materials science.
- Proficiency in systems design, mechanical engineering, and troubleshooting technical challenges.
- Strong analytical skills, data analysis capabilities, and problem-solving experience.
- Understanding of renewable energy systems and hydrogen production technologies.
- Excellent teamwork and communication skills, with the ability to collaborate across disciplines.
- Degree in Chemical Engineering, Mechanical Engineering, or related field (Master's or PhD preferred).
- Familiarity with industry standards and safety protocols in hydrogen technologies is a bonus.

Compensation

- Competitive salary relative to experience
- Employment Share Option scheme

Please contact careers@hychor.com if you are interested in the position.