



Are you looking for an exciting job, full of challenges? And would you like to work for one of the most innovative companies in The Netherlands? Elestor has a job opportunity for a

Engineer – Flow Battery Sealing

As *Sealing Engineer*, you play an important role in the R&D of Elestor's pressurized Hydrogen Bromine flow battery stacks.

Responsibilities:

- Design and develop flow battery sealing systems
- Support stack testing to ensure that the sealing components achieve the required performance, cost and durability
- Operation of test stations for flow battery stacks
 - Design of experiments and test protocols
 - Writing test reports
 - Troubleshooting
- Preparing and reviewing of technical drawings
- Negotiate with key suppliers on design, requirements, manufacturability and cost

Requirements:

- Bachelors degree in Mechanical Engineering or higher
- Expertise in dynamic or static sealing systems
 - Proven creativity in resolving design problems
 - Knowledgeable in engineering polymers and elastomers
 - Experience in chemical resistance testing
- Proven mechanical prototyping skills with tools such as:
 - CNC machining
 - Laser cutting
 - 3D printing
- Experience in SolidWorks or similar CAD software
- Excellent analytical and data analysis skills
- Knowledge or experience which is an asset:
 - Flow battery, electrolyser or fuel cell technology
 - Injection moulding, transfer moulding, mould design



ELESTOR

electricity
storage

- Problem solving tools: RCA, FMEA, TRIZ
- Simulation software: FEA, CFD
- Basic project management expertise
- International experience
- Strong communication skills with scientists/engineers of various disciplines.
- Ability to keep working in a safe and structured way while under pressure to meet deadlines
- An entrepreneurial mindset
- Fluency in English

We offer:

Elestor offers a positive, R&D focused working environment with many opportunities to improve your skills. We offer competitive terms of employment and a professional and exciting atmosphere in a company which has the technology to play a decisive role in realizing the energy transition towards a 100% clean electricity supply.

About Elestor

Elestor develops a revolutionary low-cost flow battery, thereby reducing the costs for storing electricity to an absolute minimum. To realize this, low cost and abundant active materials (hydrogen and bromine) are used, as well as a compact and easy to manufacture cell, and a (patented) pressurized system design. This triple cost reduction strategy results in the lowest possible cost for storing electricity. Since 2015, several storage systems have been operational in the Elestor laboratories in Arnhem, the Netherlands, and the first test & evaluation systems are operational in the field. In parallel, a fast growing and enthusiastic team is working hard on maturing this technology in anticipation of the launch of larger storage systems in 2019.

Want to know more ?

Are you creative ? Are you passionate about sustainable energy? Do you have the right pioneering mindset to work in a start-up company? Then we want to talk to you! Please send your application with motivational letter and resume to info@elestor.nl