

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

Process Research Engineer

As *Process Research Engineer*, you play a very important role in both the research and production upscaling of Elestor's Hydrogen Bromine flow battery cells. You report directly to Elestor's CTO.

Job description:

- Research
 - Source and evaluate key flow battery materials such as catalysts.
 - Test protocol and diagnostic procedure design.
 - Testing of flow battery materials, cells and stacks.
 - Conduct corrosion tests.
 - Participate in in-depth analysis of test data.
 - Creation of technical reports, specification documents and procedures.
 - Able to conduct 'root cause analysis' of failed flow battery materials.
- Upscaling
 - Process condition optimization.
 - Set-up plant layout, equipment selection and production process flow.
 - Maintain a clean, efficient and safe workplace by ensuring safety, processing and QC procedures are followed.
 - Pursue ongoing goal of cost reductions.
 - Support production staff as needed.

Requirements:

- Bachelor's or Master's degree in Physical Chemistry, Electrochemistry, Chemical Engineering or Process Engineering.
- Working experience in a world class (e.g. ISO9001, LEAN) environment.
- Excellent hands-on laboratory skills and ability to use analytical devices and electrochemical analysis.



ELESTOR

electricity
storage

- Experience with electrochemical systems and/or impedance spectroscopy and/or voltammetry is considered an advantage.
- Good analytical and data analysis skills.
- Strong communication skills with scientists/engineers of various disciplines.
- An entrepreneurial mindset.
- Willingness to travel internationally (occasionally).
- Right to work in E.U.
- International experience, 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) simplified 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 commercial 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