ELESTOR electricity storage

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

Test Engineer

As *Test Engineer*, you play an important role in both the R&D and production upscaling of Elestor's Hydrogen Bromine flow battery stacks.

Responsibilities:

- Design of experiments, writing and executing test plans for:
  - Stack design verification
  - Evaluation of materials and components
  - Characterization of (sub)systems
- Operation of test stations for flow battery stacks and systems
- Development of test protocols
- Writing test reports
- Engineering and building test stations
- Testing cell stacks
- Troubleshooting
- Preparing and reviewing of technical drawings
- Assist the Production Team in *Factory Acceptance Testing*

Requirements:

- Bachelor's or Master's degree in Process Engineering, Chemical Engineering, Mechanical Engineering or Electrical/Mechatronics Engineering
- Experience in testing high-tech electrical and/or mechanical systems
- Proven troubleshooting skills
- Excellent analytical and data analysis skills
- Knowledge or experience which is an asset:
  - Proven mechanical prototyping skills with tools such as: CNC machining, laser cutting, 3D printing, etc
  - Flow battery, electrolyser or fuel cell technology
  - PLC control
  - SolidWorks or similar CAD software
  - Fluid/gas process design

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- Sourcing and selection of process control devices, valves, sensors, actuators, etc.
- 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) 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 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

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