



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

System Design Engineer

As System Design Engineer, you play a very important role in the mechanical design and development of Elestor's Hydrogen Bromine storage systems. You report to Elestor's Lead System Engineer.

Initially, as an on-the-job introduction to Elestor's specific technology, you will be involved in current field test projects.

Responsibilities:

- Design, testing and evaluation of subsystems of the flow battery
- Creating and maintaining of design documentation:
 - Specifications of the subsystems
 - Design & calculations
 - Drawings & BOM
 - Maintenance and safety procedures
- Selection and evaluation of system components
- Programming & validating computer models
- Efficiency- and gas flow-calculations
- Assist and support the system production

Requirements:

- Bachelors or Master's degree in Mechanical or Mechatronics Engineering.
- Preferable 2 to 5 years working experience.
- Good analytical, mathematical, numerical 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
 - Manufacturing processes
 - Flow battery, electrolyser or fuel cell technology
 - PLC control
 - SolidWorks or similar CAD software
 - Fluid/gas process design
 - Sourcing and selection of process control devices, valves, sensors, actuators, etc.



ELESTOR

electricity
storage

- International experience
- Strong communication skills with scientists/engineers of various disciplines.
- Strong analytical and problem solving skills.
- An entrepreneurial mindset.
- Willingness to travel internationally (occasionally).
- Fluency in English.
- Right to work in E.U.

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