



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, potentially playing a decisive role in the global energy transition? Elestor has a job opportunity for a:

Production Engineer

32-40 hours/week
Arnhem, The Netherlands

Position

As Production Engineer, you are involved in the definition, preparation and realization of the production processes of the 'heart' of Elestor's technology : The membrane-cells and -stacks. Your ultimate responsibility is to ensure that the processes are developed and implemented to produce these 'hearts' in sufficient quantities and at high yields.

The production of stacks is a relatively young activity in Elestor and you are initially part of the R&D team. Once the Production Department has been established, you become part of the Stack Production Team.

In the course of 2020, the required production quantities will need to increase largely in anticipation of commercial launch of Elestor's storage systems in 2021. Once launched, a pilot factory will be built, requiring new/optimized processes, automation thereof, and new test procedures. Eventually the equivalent of a Giga-factory will be built.

Tasks and responsibilities

- Scaling the catalyst layer and micro-porous layer coating process and stack sealing processes
- Setting up the Membrane Electrode Assembly (MEA) preparation facilities
- Optimizing the coating preparation process: Ink preparation, coating technique, drying, washing, etc.
- Generation and revision of Standard Operating Procedures (SOP's).
- Perform daily MEA production facilities check to include GMP practices inside and outside the lab where needed.

Profile

The ideal candidate is skilled in defining and realizing production processes, like for instance layer coatings and sealing processes. You have knowledge of setting up such process for production facilities.

You have strong communication skills and are able to communicate well with scientists and engineers of various disciplines internally, as well as with suppliers. You are able to work in a safe and structured way, while meeting deadlines and cost targets.

Education, skills and experience (in order of relevance)



- HBO education in Analytical Chemistry, Science and Materials, or mechanical engineering
- At least some years of working experience in a relevant environment
- Working experience in a world class (e.g. ISO9001, LEAN) environment
- Excellent hands-on skills, perseverance, can-do mentality
- Good analytical and data analysis skills. Well organize and mindset for high quality product
- Ability to keep working in a safe and structured way while under pressure to meet deadlines
- Strong communication skills with scientists/engineers of various disciplines & reporting skill
- An entrepreneurial, can-do mindset
- Fluent in English

Our offer

Elestor offers an open, action-oriented and exciting working environment in a diverse and international team of highly skilled professionals, with - for the right candidates - many opportunities to excel and grow.

Terms of employment are competitive, and include participation in an Employee Stock Option Plan (ESOP), so that all employees benefit from the success of the company.

About Elestor

Recognized with several national and international awards, Elestor is a fast-growing company, developing 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 selected 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 2016, several pilots on limited scale have been successfully operational in the field, and the first systems on actual container scale are currently built, in anticipation of commercial launch in 2021.

Elestor has the technology to play a decisive role in realizing the energy transition towards a 100% clean electricity supply. The market pull for Elestor's technology is concrete and growing very fast, and launching customers have already been identified. Once commercially launched, Elestor envisions building a 'Giga factory' scale equivalent for flow batteries.

Elestor is well funded for growth with a recent multi-million Euro investment from Koolen Industries, along with a significant additional investment from InnoEnergy, one of the early investors of Elestor.

How to apply

To apply for this position, please send your application with CV and motivation letter to info@elestor.nl