

## Job Description

### Job Title

Chemical Process Engineer

### About NovaMea SA

NovaMea SA is an EPFL spin-off start-up located at the Innovation Park in the Canton of Vaud (VD), Switzerland. The company aims to develop, produce, and commercialize technologies and systems for electrochemical energy storage and conversion. The company currently focuses on aqueous anion exchange membrane electrolyzers that can be used for green hydrogen production. NovaMea's technologies and products outperform competitors in terms of cost, scalability, and compatibility with renewable energy sources. The company aims to make a significant contribution to building a zero-emission energy system.

### Job Overview

We are looking for a chemical process engineer to join our team and support polymer scale-up production, as well as laboratory work, product characterization, and testing of the final membrane properties. This role is essential for the development of innovative membrane technologies for green hydrogen production.

### Position Conditions

80-100% ; permanent position.

### Work Location

Saint-Sulpice (VD); on site.

### Start Date

April 1st, 2026, or as agreed.

### Tasks and Responsibilities

- Produce polymer to support membrane production
- Scale-up polymer production
- Design and Implementation of new reactors
- Prepare and analyze polymers
- Perform mechanical and physicochemical tests for AEM
- Operate laboratory equipment and ensure proper maintenance
- Record and analyze experimental data, ensuring accuracy and reproducibility
- Contribute to the development of new polymer formulations and processing methods
- Comply with laboratory safety protocols and environmental standards

### Qualifications and Skills

1. A Bachelor or above degree in Chemistry, Materials Science, Chemical Engineering, or a related field.

*The list of tasks and responsibilities mentioned in this document is indicative. Other tasks and responsibilities may be assigned following discussion.*

2. >3 years of industrial experience, preferably in polymers production, familiarity with production processes at both lab scale and pilot scale, including agitation, reactor, temperature and safety control, purification and waste treatment
3. Knowledge in Mechanics and/or Electricity is a plus.
4. Ability to work with a results-oriented approach.
5. Strong problem-solving and organizational skills, with a willingness to learn new production or measurement techniques.
6. Ability to work effectively both independently and as part of a team.
7. Basic knowledge in English.
8. Authorization to work in Switzerland.

### Benefits

1. Contribution to the development and implementation of cutting-edge green technology.
2. Opportunities for professional development.
3. Dynamic and collaborative work environment.

### Application

Please send your CV and cover letter to Ms. Xingyu Wu, CEO, NovaMea SA,  
E-mail: [xingyu.wu@novamea.swiss](mailto:xingyu.wu@novamea.swiss)

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