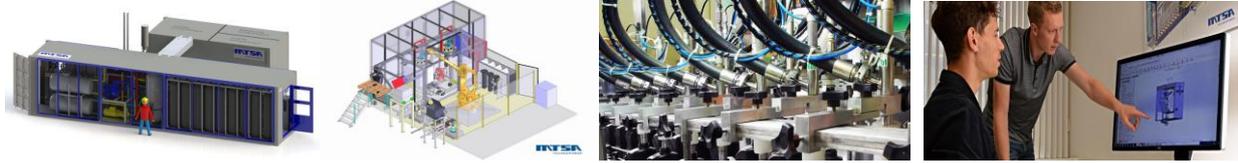


# Electrochemical Engineer



## About the role:

The purpose of this job is to develop, design and engineer products and solutions in the field of electrochemical processes mostly for new equipment used for the energy transition, but also for new developments in the process technology. As Electrochemical Engineer, you are starting a new project often in the idea / test phase till product realization and keep and develop process technology know-how on a high level. You are the specialist and point of contact in the field of electro chemistry.

## What you will do:

- Strengthen the MTSA organization with electrochemical knowledge and test equipment for fast implementation in several process equipment.
- Developing, testing, designing and improving electrochemical test / demo equipment.
- Designing the needed related utilities, electronics, environmental and safety systems
- Upscaling of test equipment to larger process installations.
- Specify and select equipment-components for the installation.
- Produce detailed engineering documents.
- Make existing designs more cost / process efficient.
- Communicate with the project team, customers and suppliers regarding planning and technology.
- Be the project lead / project manager of mid-scale projects
- Supporting the equipment implementation and start-up phase.
- The building-up of electro chemical knowledge within MTSA.
- Support of making quotations for new projects.
- Occasionally visit customers sites abroad.

## What you will need:

- Bachelor or Master's degree in Chemical Technology with a specialty in Electro Chemical processes.
- Knowledge in the field of electrolysis, fuel cells, batteries and electrification of chemical processes.
- Strong analytical skills and problem solving attitude.
- Knowledge regarding related power systems is an advantage.
- Knowledge and experiences with AutoCAD and / or SolidWorks is an advantage.
- Stress resistant.
- Knowledge and experiences with ATEX and SIL norms and systems is an advantage.
- Strong interpersonal and communication skills with the ability to liaise effectively at all levels.
- Good practice in English and preferably Dutch.
- Independent and hands-on mentality.
- Creative, Innovative, technical and commercial skills.

## This is MTSA Technopower

*MTSA Technopower designs, builds and maintains customer specific parts, pilot plants, chemical process equipment, installations and machines.*

*Most orders are different and new. From concept to realization. There is a multi-disciplinary working spirit. Most of our projects are based on the newest technical developments and trends. The energy transition is an important working area.*

*MTSA Technopower is distinguished from other companies by the way how the project teams are set-up: Our engineers are the chain between design and realisation in the form function as project leader of complex projects or giving proactive knowledge for these projects. The engineers are the link between our customers, internal disciples and innovations. The saying; think and do, gives our mentality and shared value.*

*Within MTSA Technopower all disciplines are present and available in house: from process, mechanical, instrumentation, electric, till automation. MTSA Technopower has a good utilized workshop for producing our own parts. That's the reason that we can do complete in-house project, starting from concept till realization for our customers. Also parts of this route can be done in cooperation with our customers.*

**MTSA Technopower B.V.**  
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**Internet** : www.mtsa.nl

**We offer:**

- Working in an organization dealing with the newest technical energy transition developments.
- Competitive compensation with 25 vacation days and 13 ADV days.
- Enough possibilities for self-development and knowledge enrichment.
- A dynamic and informal work environment.
- A challenging company where your initiatives, feedback and ideas matter.

**Application procedure:**

For more information regarding the application and / or our organization; contact:  
Jan ten Have, Manager Engineering Mechanical & Process,  
Call: 026 –36 36 310 or visit our webpage: [www.mtsa.nl](http://www.mtsa.nl).

When you are interested in this function and when you meet the requirements, send your application-letter with Curriculum Vitae to Human Resources or by e-mail: [sollicitatie@mtsa.nl](mailto:sollicitatie@mtsa.nl).

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**DESIGN ENGINEERING PROTOTYPING MANUFACTURING SERVICE**

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