

PLANNING & PROCESS ENGINEER CELL ASSEMBLY, FORMATION & AGING (F/M/D)

YOUR TASKS

theion has an exciting job offer for a PLANNING & PROCESS ENGINEER to join our engineering team in Berlin. You can play an important role from the very start in developing and manufacturing the first of theion's Crystal Battery. With this Crystal Battery, theion intends to play an important role in the transformation to a carbon free society.

In this position you will be responsible of driving improvement of quality and performance for process and product in manufacturing of theion's Crystal Battery. You will be the interface to equipment suppliers and to collaborate with our battery cell development team, design and process engineers to efficiently develop and integrate battery manufacturing equipment.

Are you an experienced developer and, in addition to technology, you aim for efficient development processes, pragmatic approaches to solutions and a goal-oriented implementation of projects? Then become part of one of the most innovative high-tech start-ups in Berlin.

OUR REQUIREMENTS

- planning and implementing of equipment for battery cell assembly, formation and aging for lab line and future small-scale production
- collaborating with the cell development and process teams to optimize the assembly process of Theion's Crystal Batteries
- managing and tracking of the project status with technical discussions, experiments and final runs
- setting up quality monitoring procedures, quality KPI's, evaluate performance and make improvement proposals, i.e. process capability with SPC and Cpk
- improving production process by increasing the degree of automation for saving capital and operating costs

YOUR PROFILE

- degree in Chemical, Electrical, Mechanical or Manufacturing Engineering (or similar technical engineering discipline), and/or evidence of exceptional experience
- two years minimum experience in manual or automated battery cell assembly, formation and ageing
- experience and comprehensive understanding of battery cells as well as knowledge of cell components and their functions and interactions
- experience with root cause analysis, failure analysis and DoE
- experience with automated manufacturing equipment, continuous motion, laser applications, vision systems and dispensing of low viscous liquids is a plus
- experience in the field of planning and implementing equipment projects is a plus
- clean room and dry room experience is a plus
- excellent organization, problem solving, tactical thinking, and time management skills
- good English and/or German language ability

OUR JOINT GOAL

We offer you the opportunity to work on the development of our revolutionary battery technology as part of our core team. You will receive a high degree of responsibility and freedom to take decisions in a dynamic working environment on the threshold of industrialization.

ABOUT THEION

Headquartered in Berlin, Germany, theion GmbH is entering the mobile battery market with a unique solution for the biggest energy storage problems of the world. theion designs and produces Crystal Batteries for applications from aerospace, portable devices, wearables, to vehicles on land, sea and in the air. By using sulfur in its crystal form, an abundantly available material, without harmful mining and at 99% lower cost than state-of-the-art cathode materials, theion's cells are targeting to triple the energy density, extending usage time and range by factor three.

Interested? Then contact us with your complete application documents including the cover letter
via career@theion.de

Reference: e2_process_engineer_cell_assembly