

# Mechanical Engineer Vacancy

*Are you the linking pin in bringing our revolutionary technology to the next level?*

VSPARTICLE (VSP) is a fast growing nanotechnology company, that is on a mission to change the world of material development. For the development of clean energy millions of new materials need to be investigated. VSP develops new technology to unlock and accelerate the discovery of novel materials with advanced properties, that can contribute to solve the world's biggest challenges. VSP's pilot production lines will demonstrate the potential of our technology for various applications, including next generation sensors, batteries and fuel cells.

We are looking for a Mechanical Engineer who will strengthen our R&D team. Together with your team you will work on upscaling this revolutionary technology to industrial scale.

## **Your job with us**

As Mechanical Engineer you take the lead in all mechanical engineering tasks. You will be responsible for drawing up technical requirements, creating new design, procurement, testing and manufacturing specifications for the system, and monitoring implementation at our suppliers.

## **Your responsibilities**

- The design and development of the pilot lines for small scale production
- Drafting of construction drawings, parts lists, inspection protocols, and data sheets
- Review of drawings and parts lists
- Analysis and resolution of malfunctions and errors
- Registration and reporting of quality deviations to the project leader and immediate superior.
- Proper observance of norms, regulations, and procedures.

## **Your professional qualities**

- A bachelor or master degree in Mechanical Engineering, Mechatronics, or similar, with at least 3 years of experience in a similar project environment
- Knowledge of and experience with flow dynamics, systems control, semicon, print technology and/or industrial systems count as a plus.
- You are familiar with international safety standards and product certification
- Experience with 3D CAD software
- Analytical, practical and punctual
- Good command of English is mandatory
- Excellent technical writing and communications skills
- Working in a start-up requires you to be:
  - Flexible and creative
  - Proactive, persuasive and a go-getter
  - Willing to pick up things outside the scope of your own work
  - Not afraid to bear responsibility

## **What do we offer**

As an employee at VSParticle, you will have the opportunity to grow within a fast-growing organization and to develop innovative technologies that contribute to exciting renewable projects. We offer you a full-time position in an informal, professional and international work environment, a competitive salary, participation in Employer pension scheme, 30 vacation days in addition to public holidays, social events, company lunch and the flexibility to balance working from home and working on location in Delft. You will work in a diverse and multidisciplinary team with motivated colleagues, professional space for creativity and initiative and short communication lines.

**About VSPARTICLE**

VSPARTICLE is a Dutch nanotechnology company that provides universities and industry with the tools to manufacture nanoparticles and nanostructured materials, and supports industry with applications development. Since 2014, the company helps scientists and industry leaders to drastically reduce the development time of new materials and products, by making it as easy as pushing a button. VSPARTICLE is a privately funded company backed by investors who recognize the huge potential of nanomaterials, especially for applications in catalysis, semiconductors, sensors, healthcare, batteries, fuel cells and photovoltaics. The company currently employs 25 people at its headquarters in Delft and has an international distribution network in the USA, Europe and Asia. At VSP all qualified individuals will receive consideration for employment without regard to race, religion, colour, gender, sexual orientation, age, marital status or (dis)ability.

**Interested?**

Please send your resume and motivation letter to [hr@vsparticle.com](mailto:hr@vsparticle.com) before February 7th, 2022. If you have any questions, you can contact our HR manager, Astrid van Doorn 088-3080416

Unfortunately, we can only consider applicants from within the European Union, because of the visa restrictions.

*Please do not contact us for any sales related purposes based on this vacancy*