
ETC Solar B.V. – Chemist

We are looking for a Chemist

Full Time – Rotterdam (NL)

Start date between: January 1st, 2020 – February 1st, 2020

Required: MSc in material science, chemical engineering, chemistry, or equivalent.

We offer: Competitive salary and equity compensation depending on experience/skills applicant. R&D position in a young, fast-growing company with world-class engineers working on a sustainable product.

Language: The company language is English.

About the team:

ETC Solar is a spin-off from the world-renown California Institute of Technology (Caltech, Los Angeles (CA)) and is developing a revolutionary power boosting and cost saving semiconductor tool for the photovoltaics industry. We are developing world's highest-performing and invisible metal contacts: the effectively transparent contacts (ETCs). We are looking to expand our research and development team and hire an experienced chemist to help with the development of our ETC Printing Tool.

What we need:

The R&D team is seeking a highly motivated, hands-on, chemical engineer or chemist who will be tasked with the development of our elastomer printing stamp. The ideal candidate is a versatile self-starter comfortable taking on tough technical challenges. In our dynamic environment, a keen focus and strong work ethic are needed to see projects to timely completion. If you're passionate about solving problems, building something from the ground up, we'd like to hear from you.

The position involves close collaboration and contact with world's largest solar cell manufacturing companies. In addition, we encourage bold and creative thinking to help push the efficiency of solar cells by developing cutting-edge technologies.

What you'll do:

- Formulation and development of plastics, elastomeric materials,
- Process development and optimization,
- Work closely together with the printer development team,
- Develop a revolutionary printing tool for the semiconductor industry,
- Printing stamp reusability testing and optimization,
- R&D on new product development and applications.

Skills you'll need:

- MSc in material science, chemical engineering, chemistry, or equivalent,

- Experience with the formation of plastics or elastomer materials.
- Knowledge on silver nanoparticle inks and microfluidics is a plus,
- Proven self-starter: ability to take initiative as well as working in a team.

If you're interested please send an email to thomas@etc-solar.com (incl. resume) to inquire more information or schedule a Skype call. We are looking forward to seeing you!