

CTF SOLAR GmbH is a leading developer and supplier of CdTe technology for thin-film solar modules. We take processes developed on a laboratory and pilot scale and turn them into industrial production techniques, teaming up with specialized partners to design the corresponding machinery.

CTF SOLAR GmbH provides technology for production lines manufacturing CdTe thin-film solar modules all around the globe, predominantly in China. This involves the planning for and implementation of the entire process and metrology equipment as well as the selection and qualification of equipment and raw material suppliers. Operations are underway in our first high volume manufacturing factories in Chengdu and Handan, China, with an annual capacity of 100 MW_p each. Construction work on other CTF SOLAR technology Fab projects with a combined capacity of >1 GW_p started already.

Currently with around 50 employees from over ten different countries, CTF SOLAR GmbH is fully owned by Chinese company CTIEC, one of the world's Global Top 200 Engineering Companies based in Shanghai.

To support our further growth, we are looking for an:

Specialist Manufacturing Execution System (f/m/d)

Job description:

- Plan, coordinate and perform the implementation of MES and data handling systems in solar manufacturing lines
- Provide specifications for MES and data handling systems (OPC UA, SECS GEM) and interfaces in cooperation with equipment engineers and customers
- Establish manufacturing data collection and provide statistical analysis for single processes and overall line performance
- Drive definition and improvement of KPIs to monitor equipment performance, line performance and products characteristics
- Technical interface for data handling to system providers and customers
- Support acceptance tests of manufacturing equipment with regards to MES interfaces
- Perform MES and data handling related trouble shooting activities during factory ramp up and production
- Run continuous improvement projects in cross-functional teams to improve systems, methods and procedures
- Project management tasks for interface related items

About you:

- Degree in a relevant engineering discipline or natural science
- Experience in equipment and process engineering, preferably within PV module manufacturing
- Analytical approach, preferably with experience in successful problem solving and troubleshooting
- Open to work in an international team
- Self-directed, with pro-active approach to problem solving, hands-on mentality
- Knowledge of SPC tools and applicable knowledge in statistics, and documentation control is a plus
- Programming skills and data base administration are a plus
- Fluent in German and English, knowledges in Chinese is a plus

What we're offering:

- A competitive salary, flexible working hours and opportunities for individual training and development
- Exciting projects in solar energy
- A flexible, international and cooperative working environment
- A corporate culture in which you can contribute your own ideas, use your initiative and actively help to design processes

How to apply:

If we have sparked your interest, please send us your application documents in German or English, including your earliest possible start date and details of your salary expectations, to the following address: HR@ctf-solar.com

Your privacy is important to us and we want you to feel secure by using e-mail encryption. Please use this certificate to encrypt your e-mail: <https://www.ctf-solar.com/hr.cer>.