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With sites in Dresden and Frankfurt, 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 constructs turnkey production lines for manufacturing thin-film solar modules all around the globe. This involves planning and implementing the entire process chain on site, from selecting and procuring raw materials through to packaging the end product ready for delivery. Operations are underway in our first high volume manufacturing factory in Chengdu, China, with an annual capacity of 100 MW<sub>p</sub> and a second factory project is about to start production at end of 2020. Construction work has begun on other Fab projects with a combined capacity of > 500 MW<sub>p</sub>.

Currently with around 55 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 would like to expand our Engineering team in Dresden and are therefore looking for a:

### **System Expert Factory Integration/ SPC (f/m/d)**

#### **Job description:**

- Plan, coordinate and perform the implementation of Profibus, MES and SPC systems in solar manufacturing lines
- Provide specifications for Profibus, MES and SPC systems 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 product characteristics
- Technical interface to system providers and customers
- Support acceptance tests of manufacturing equipment with regards to MES and Profibus interfaces
- Perform MES, Profibus and SPC related trouble shooting activities during factory ramp up and production
- Run continuous improvement projects in cross-functional teams to improve systems, methods and procedures
- International travel approx. 25% (predominantly in China)

#### **About you:**

- Master degree in a relevant engineering discipline, natural science, IT or statistics
- Relevant experience and proven achievements in the field of factory integration and SPC
- Deep knowledge in statistics, data analysis, SQL, MES and Profibus software
- Analytical approach, preferably with experience in successful problem solving and troubleshooting
- Open to work in an international team
- Capabilities and experience to coordinate cross-functional teams and to lead IT related projects
- Self-directed, with pro-active approach to problem solving
- Fluent in English, knowledge in German and/or Chinese is a plus

#### **What we're offering:**

- Exciting projects on tomorrow's energy technology
- The opportunity to work in an ambitious, international team
- A flexible, international and cooperative working environment
- Individual opportunities for further training and development
- 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](mailto:HR@ctf-solar.com)

Your privacy is important to us and we want you to feel comfortable with email encryption.

Please use this certificate to encrypt your e-mail: <https://www.ctf-solar.com/hr.cer>.