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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_p 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_p.

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:

Product Development Senior Engineer / Expert (f/m/d)

Job description:

- Leading role in the definition, design, development, qualification and certification of the next generation of our thin film solar modules
- Responsible for the technical product portfolio management in close cooperation with our colleagues in China
- Technical project management for the certification process
- Specification of back-end equipment and processes to meet the requirements of our solar manufacturing technology
- Process development and scale up from R&D to high volume manufacturing level
- Technical lead and interface to equipment supplier (OEM)
- Support installation- and ramp up phase at customer sites worldwide
- Coordinate suppliers and support customer engineers for continuous improvement process
- International travel approx. 25% (predominantly in China)

About you:

- Degree in a relevant engineering discipline or natural science
- Experience in solar module product development; ideally in the field of thin film modules
- Good understanding of materials used in the production of solar modules
- Good understanding of accelerated life time test and qualification methods
- Previous experience on the BIPV market segment is a plus
- Sound knowledge of the international standards relevant for solar modules
- Ideally network to the international certification bodies for solar modules
- Analytical approach, 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, CAD related software and documentation control is a plus
- 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

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>.