

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 factory in Chengdu, China, with an annual capacity of 100 MW<sub>p</sub> and construction work on other CTF SOLAR technology Fab projects with a combined capacity of >1 GW<sub>p</sub> 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 would like to expand our Production and Engineering team in Dresden. Therefore, we are looking for an:

### Senior Engineer Laser (f/m/d)

#### Job description:

- Develop new technology for laser scribing of thin solid films
- Development of design and process changes to improve equipment performance in cooperation with the R&D division
- Process and equipment development at pilot tool and at supplier
- Technical lead and interface to equipment supplier (OEM)
- Support installation- and ramp up phase at customer sites worldwide
- Specification of new equipment and process
- Coordinate supplier and support customers engineers during troubleshooting
- International travel

#### About you:

- Degree in a relevant engineering discipline or natural science
- Industrial experience in laser equipment or process engineering, demonstrated responsibility for equipment in manufacturing
- Deep understanding of laser source technology and scribing of thin film solar cells
- Analytical approach, preferably with experience in successful problem solving and troubleshooting
- Project Engineering skills related to schedule, budget and equipment supplier interface
- Open to work in an international team
- Self-directed, with pro-active approach to problem solving, hands-on mentality
- Knowledge of SPC tools, statistics, documentation and PV industry is a plus

#### What we're offering:

- Exciting projects in solar energy
- 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>.