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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 specialised 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 recently got under way at our first factory in Chengdu, China, with an annual capacity of 100 MW_p. Construction work has begun on others with a combined capacity of 500 MW_p.

Currently with around 45 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 continue expanding our Research and Development department in Dresden (laboratory engineer) and Production Engineering department (plant development engineer), we would like to fill two posts as a:

Vacuum Coating Engineer (m/f)

Your responsibilities

- Planning and coordinating all tasks connected to assigned machines
- Completing your own subprojects successfully with regard to time, quality and costs, documenting your work
- Monitoring the project progress of relevant partners (mechanical engineers, customers), identifying potential discrepancies in good time and notifying project managers of them
- Independently processing assigned work packages within the different project stages – drawing up specifications, clarifying the machine configuration, supervising the move-in process and integrating and developing processes
- Assuming responsibility for successfully ramping up assigned machines to the target parameters set
- Participating in all tests and events involved in accepting assigned machines and assuming responsibility for assessing technical performance
- Planning and implementing experimental process adjustments (especially for the position in the R&D department)

You must ...

- hold a university degree in mechanical engineering, production or a similar subject
- have a proven track record as a successful process or equipment engineer for vacuum coating
- have a working knowledge of statistics
- have technical expertise and intrinsic motivation
- be passionate about solving technical problems
- have a good command of MS Office, MS Project
- be prepared to carry out detailed work and have a hands-on mentality
- be able to think logically and organise yourself to a large extent; have strong organisational skills
- have good communication skills and be willing to cooperate
- be fluent in German and English
- have experience in working in interdisciplinary, international teams; have an interest in other cultures
- be very willing to travel

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 your application documents in German or English to HR@ctf-solar.com, indicating your expected salary, earliest possible start date and whether you consider your focus to be laboratory or plant development work.