

Career Opportunities: Principle Mechanical Engineer

R&D Principle Mechanical Engineer: Mechanical Engineering Flow Technologies

Are you up to the challenge of developing high end electronic flow meters for a rapidly growing global market? - And are you interested in working for one of the biggest global players in engineering and environmental technologies, facing new and challenging tasks every day? Are you burning for high tech challenges in the field of ultrasound, advanced electro-magnetic and mechanical (Coriolis) measurement technologies? If your answer is yes, you might be one of our new “master minds” in mechanical engineering.

Your challenges

- Top down system analysis of advanced measurement requirements to our future flow products.
- Close collaboration with Product Management on the definition of product requirements, covering a broad range of technical challenges, like e.g. approvals, standards, future customer and market needs, design to cost, production requirements etc.
- Mechanical design incl. definition of interfaces to SW and HW.
- Using advanced design and analysis tools for e.g. finite element analysis, thermal analysis, shock and vibration analysis etc.
- Analyzing and defining solutions in mechanical engineering and mechatronics in cooperation with your project team.
- Specifying your mechanical engineering solutions in close cooperation with our production experts in Denmark, France, China and USA.
- Covering the mechatronic architecture of a complete product range of our flow meters.
- Securing reuse and consistency across the complete line of flow technologies.
- Follow up of your design in the development cycle (V-model) up to and including system

integration and test.

- Management of our subcontractors, responsibility for technical part of subcontracts and vendor management.

Professional and personal qualifications

You have a senior background (several years of experience and/or PhD) in Physics or Engineering (Mechatronics, Mechanical Engineering or similar).

You have a proven track record of research & development in related fields showing strong analytic and engineering (system synthesis) capabilities.

Experience with Intrinsic Safety (SIL) would be an asset.

You are very good in structuring complex problems, with multi dimensional system requirements, breaking them down into simpler and “orthogonal” components and solutions.

You are very communicative, being able to convince other involved experts of your solutions.

You are able to quickly absorb the necessary know how in a new subject matter domain, including related standards and constraints.

You are fluent in English, orally as well as in writing and available for travelling on a global basis.

Your system specifications will be the basis for all subsequent R&D!

As a person you are self-driven, with excellent cooperation skills and you are able to motivate your colleagues to reach a target. You are innovative and focus on potential rather than problems.

You are quality-oriented, understand business

processes and capable of communicating across organizational functions. Last but not least you enjoy working in a positive and informal atmosphere.

We offer

- An exciting and challenging position in a global company where focus is on innovation and growth
- Extensive possibilities of professional and personal development incl. participation in the Siemens training program.

For more information

Please call R&D head Uwe Hermann, by phone +45 7488 2111.

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