



Vacancy for a Mechanical Design Engineer

1. THE COMPANY

MAPS Technology's goal is to deliver the benefits of the MAPS™ stress measurement technology to owner/operators of capital plant and OEMs, their service providers and material suppliers. We are part of GE Oil & Gas, a world leader in advanced technology equipment and services for all segments of the oil and gas industry. GE MAPS Technology is a growing company and seeking good calibre staff to join the team.

2. THE ROLE

Reporting to the MAPS Head of Mechanical Design, the successful applicant will be responsible for the detailed electro-mechanical design of MAPS products, including the generation of detailed engineering drawing packs. Support will be provided from the physics and electronics & software teams.

The design office tasks are diverse and the successful candidate will be able to work alone or as part of a team in a constantly evolving project based environment.

3. THE CANDIDATE

We are looking for an experienced mechanical design engineer who is looking to take the next career step. Ideally, they would have a strong background in electro-mechanical engineering and system design.

The work will involve the design of MAPS sensors and the packaging of MAPS electronics to meet a range of deployment scenarios across many industries, including offshore, aerospace and transportation. In addition the design of test specimens, rigs and frames will also be required.

The role involves working closely with physicists, electronic and software engineers to deliver innovative solutions to problems that are fit for purpose and manufacture. The successful candidate will also be required to perform some project engineering, and to interact with contractors and customers. Some travel may be required.

Key skills

- Minimum of 3 years computer aided design experience
- Minimum of 1 year's experience of using SolidWorks in a design office environment
- Degree, HND or similar in mechanical engineering or related area.
- Experience of design for manufacture (DFM)

- Experience in working to design office procedures (revision control & configuration management)
- Good knowledge of drafting standards (BS308 & BS8888)
- An interest in product development
- Good written and oral communications

Desirable skills

- Experience of electromechanical design on small scale equipment and experience of electronics and measurement equipment would also be an advantage
- Knowledge of plastics and moulding techniques
- Knowledge of rapid prototyping
- Familiarity with ATEX specifications and methods of design
- Clean UK driving licence

4. SALARY AND BENEFITS INFORMATION

The benefits package may include:

- Annual pay review
- Stakeholder pension scheme – employer matching up to 8%
- Up to 25 days holiday
- Life assurance

All applicants will be considered regardless of age, disability, gender, marital status, race, nationality or ethnic origin, religion or sexual orientation.

The position is full time and based in our offices at Milton Park, Abingdon, Oxfordshire.

To find out more about GE MAPS Technology visit our website at <http://www.maps-technology.com>.

To apply please email your CV with a brief explanation of why you are suitable for the role to career@maps-technology.com