

## Senior Mechanical Engineer

The ideal candidate will have at least 10 years of subsea/downhole tool design and development experience.

### Principal duties:

- 👉 Design of mechanical components and systems;
- 👉 Stress analysis calculations;
- 👉 Generate CAD (Inventor) models and drawings (layouts, assemblies, detail, client etc);
- 👉 Generate procedures (assembly, test etc);
- 👉 Generate engineering test reports;
- 👉 Perform test build of new equipment;
- 👉 Perform prototype testing;
- 👉 Advising on ordering of equipment for new tools and development work;
- 👉 Participate in design reviews;
- 👉 Support internal and external customers on technical queries (May have to do some traveling in the UK and overseas);
- 👉 Maintain design files & related documentation;
- 👉 Provide support and mentoring to junior staff members;
- 👉 Maintain high standard of personal safety in the workplace, advise safety & senior staff of hazards, potential hazards & incidents, reporting as required;

### Required Knowledge/Experience:

- 👉 CAD applications (Ideally Autodesk Inventor);
- 👉 MS Office applications;
- 👉 Mechanical components;
- 👉 Oilfield down hole tools;
- 👉 Stress analysis calculations;
- 👉 Project Engineering;
- 👉 National and international standards related to Oilfield equipment.

### Qualification:

Degree in Mechanical Engineering (desirable)

Salary: £40-60K