

# SAAB SEAEYE

## Mechanical Design Draughtsperson

Join us in creating the most innovative underwater robotic technology for the harshest environments in the deepest oceans and most turbulent waters.

We lead the world with the most advanced engineering, electronics and software systems for pioneering electric underwater technology.

We don't just create products – we are revolutionising the underwater world!  
So come and be part of an innovative and agile team that is dedicated to smart and inspired technology that is rapidly changing the future of underwater robotics.

### **The role:**

To create and maintain mechanical designs and technical documentation in line with the company's business needs

### **Main Responsibilities:**

- Design and development of new mechanical components and product upgrades for components and systems, ensuring they are on time and to budget.
- Create new design variants based on existing designs.
- Translate 3D conceptual designs into high quality detail drawings, general assembly drawings, schematics and bills of materials.
- Review Engineering Change Requests and update existing designs, documentation and bills of materials in line with approved changes.
- Use Design for Manufacture and Assembly methodologies to ensure economic production.
- Ensure all engineering activities are documented and compliant with the company quality, HSE and Environmental policy and that designs comply with internationally recognised standards.
- Conduct activities in a professional manner to deliver quality mechanical design solutions.
- To work under general supervision either on your own or within project teams.
- To undertake any other duties as appropriate within their competence, as required by their Team Leader or Manager from time to time.

### **Person Specification/Required Knowledge:**

- Minimum of Level 4 BTEC HNC or Level 4 NVQ /SVQ/City & Guilds in Engineering
- Understanding of standard machine shop processes
- Design for Manufacture and Assembly
- ISO Limits and Fits
- Tolerance stackup analysis
- Experienced in the use of AutoDesk Inventor (2016 desirable) for creating 3D Mechanical designs and drawings
- Creation of fully toleranced mechanical detail drawings and general arrangement drawings to a high standard to BS 8888 using Autodesk Inventor
- Creative 3D design of mechanical components, arrangements, mechanisms and enclosures
- Engineering Change Management

**This role is based full-time at our Fareham premises and attracts a full benefits package and competitive salary.**