

JOB DESCRIPTION – ELECTRONICS & FIRMWARE ENGINEER

Revision: 1.2 | 25th April 2024



Reporting Line

The Electronics & Firmware Engineer will report directly to the Technical Director.

Location

Impact Subsea Ltd, Aberdeen Energy Park. There may be a requirement to visit suppliers, customers, conferences, exhibitions and other work locations.

Role

To be a lead developer of products at Impact Subsea within a highly capable team of developers.

This role would suit a talented electronics and firmware engineer with a highly proactive approach to developing products and making things work.

This role directly contributes to the development of products which set new levels of capability within the underwater vehicle sensor market.

Key Responsibilities

The Electronics & Firmware Engineer will be required to:-

- Be a development lead on the design of Impact Subsea sensor solutions in the technical areas they have competency in.
- Comply with management system procedures including health, safety and environmental requirements within the company.
- Convey a professional image of the company at all times.
- Carry out any other tasks within the competence of the role and job holder.

Key Outcomes

- To ensure new Impact Subsea sensor solutions are progressed to market within the timescales agreed between the development team and management.
- To assist in the day-to-day business operations as required.

Limits of Authority

Full responsibility for all operational activities within the philosophies and constraints laid out in the job description.

The company reserves the right to change activities listed, taking into account the job holder's qualifications and experience to enable the business needs to be met.

Qualifications & Experience

Essential:

- Engineering Degree qualification or equivalent experience in a suitable engineering discipline.
- High competency in C.
- Be able to design electronic circuits.
- Be able to layout PCBs.

Desirable:

- Competency in C++ and VHDL.
- Mechanical design capability.
- Experience with QT.
- Experience with Altium.
- Experience with SolidWorks.

Personal Attributes & Knowledge

Essential:

- A proactive approach to dealing with challenges.
- Experience in developing products.

Desirable:

- Flexibility to travel to meet the requirements of the role.
- Experience in the development of underwater products.
- Experience of working within a development team.
- Experience of coordinating development tasks within a team.