



Job Title: Hardware (Electronics/Design) Engineer

Department: Engineering

Reports Direct: Engineering Manager

Location: Peterlee

Job Purpose

- The post holder is a member of the Engineering team, developing products that meets the applicable standards, safety and legal requirements and is in accordance with the Seaward quality manual.
- They will contribute to the delivery of projects on time, within budget, and that meet the specification required for the project.
- Ensure that documentation is produced during each project.

Responsibilities

- Produce Technical Specification from Product Requirement.
- Design and develop hardware for electrical and electronic embedded systems.
- Collaborate with internal engineering disciplines, especially firmware, to develop modern, innovative, and practical solutions.
- Interface with internal and external partners as required in performance of their roles and responsibilities.
- Support Product Management in Requirements Capture and Customer Engagement.
- Liaise with production and purchasing in ensuring the product is designed for assembly and test, to assist in phasing in the new

- product to production.
- Provide input into new feature development.

KPIs

Knowledge, Skills, and Experience Required

- Experience of electrical and electronics product development in relevant industry (Instrumentation or similar).
- Experience of modern ECAD tools including simulation of circuitry.
- Knowledge of the design of High Voltage and Power Electronics.
- Understanding of safety critical design.
- Knowledge of best practice approaches for design in accordance with global EMC standards.

Qualifications

- Degree qualification in a relevant Engineering or Science-related discipline.
- Knowledge of quality and design standards (e.g., IEC 61010).
- Experience of Model-Based Design (MBD) approaches and tools, particularly the Mathworks/Simulink toolchain.

If you want to be a part of our team please send your CV and a covering letter by e-mail to wendyc@seaward.com

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