

Job Description

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| Job Title: | Senior Electronics Engineer | Job Holder: | |
| Division: | Ship & Fleet Protection | Grade | SC |

Job Purpose:

As an SEA Senior Electronics Engineer you will take responsibility for the electrical and electronic design and development of our products. The job holder will utilise state-of-the-art methods, technology and tools to explore all aspects of the development lifecycle, engineering analysis, requirements analysis, design, implementation, test, build and product support. The job holder will interface with customers (internal and external) on many factors within the design and liaise closely with Engineers from other disciplines, including Systems, Mechanical and Software Engineering.

Responsibilities:

1. Take responsibility for the Electrical and Electronic Engineering delivery of a variety of Electro-mechanical Systems supplied by SEA working to agreed cost, time and quality;
2. Provide technical support to a small multi-disciplinary team of Engineers on specific projects;
3. Seek and share good practice and knowledge locally to continuously improve own practices;
4. Provide support to the learning and development of other Engineers within SEA through mentorship and expert advice;
5. Support and facilitate reviews and approvals of electrical & electronic designs in accordance with business and industry standards;
6. Provide input to Company standards pertaining to Electrical and Electronic Engineering including calculations, CAD models, manufacturing drawings & schematics and technical reports;
7. Support SEA products through manufacturing, assembly, installation and service life;
8. Support the preparation and submission of bids and proposals, including interfacing with customers and suppliers and generating engineering estimates;

Key Result Areas:

The jobholder will be expected to:

- Contribute to the design and develop Analogue and Digital Electronic Circuits,
- Experience of PCB design from Schematic capture to PCB layout using Altium
- Experience in the design and manufacture of Electro-mechanical Systems;
- Ability to follow a methodical/systematic approach to analyse and solve problems, identifying key facts and breaking down complex information to components parts;
- Full lifecycle experience from requirements decomposition to acceptance and user sign off on multi-disciplinary programmes.
- Experience of requirements capture, analysis, V&V and configuration management;
- Excellent communication and collaboration skills.
- Able to produce clear and concise technical documentation.
- Demonstrable ability to plan and execute technical assignments.
- Experience of development within the Product lifecycle.
- Currently hold or be eligible and willing to obtain SC security clearance.
- Able and willing to travel occasionally within the UK and Overseas as required.
- Understand and implement the company environmental, health & safety policy by accepting individual responsibility and responsibility for those personnel under their authority, including others who may be affected by the company's activities.
- Ensure personnel are aware of their responsibility towards H&S and are equipped accordingly.
- Always set a strong personal example regarding all health and safety matters.

All employees may be required to carry out any other duties that are within the employee's skills and abilities whenever reasonably instructed and are required to act in a manner that is wholly supportive of our values of:

PARTNERS - We deliver on our promises;

EMPLOYEES - We develop, recognise. reward and empower our people;

ONE TEAM - We work together, openly, honestly, respectfully and in a professional manner;

EXCELLENCE - We strive to continually improve;

SAFETY - We protect our people, our partners and our environment.

Training: (if applicable)

Internal training on Umbraco (Website and Intranet site)

Reporting Line

The jobholder will report to the S&FP Electrical/Electronic Team Lead



A COHORT PLC COMPANY

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Job Location

The job will be located in the Barnstaple Office

Job Holder Declaration:

I accept the purpose and key result areas of my role with SEA are as outlined above.

Signature: _____ Date: _____

Line Manager Declaration:

I confirm that the purpose and key result areas of this role are as outlined above have been agreed with me as line manager.

Signature: _____ Date: _____