

Job Opportunity

Senior Electrical Engineer

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| Purpose of job | To produce electrical designs and CE compliance assessments |
| Reporting relationships | Line Manager is Team Leader |
| Staff responsibility | None |
| Budget responsibility | None |
| Location | Dorset Innovation Park, Winfrith |
| Employment status | Contract, full time (37 hours/ week) |

Outline of knowledge, skills and personal qualities required across the range of roles and examples of the types of application shown below. Training and development relating to the specific job role will be provided.

Knowledge, skills and personal qualities required

- HNC/HND or Honours Degree in Electrical/Electronic Engineering or equivalent;
- Knowledge of electrical design CAD packages
- Provide advice on RN procedures and documentation for installation and trials
- Assist Team Lead with team and work package management
- Good knowledge of appropriate drawing and defence standards;
- Good understanding of Design Assurance as defined in the electrical / electronic design process;
- Knowledge of design for EMC and electrical safety;
- Have held or be capable of being nominated Competent
- Knowledge of Health & Safety, Environment and Quality policies and procedures;
- Assessing products and applying applicable CE marking directives and harmonised standards, product assessment to the standards, and compilation of all documentation required for the Technical Construction File;
- Mentoring junior engineers;
- Discussing and solving complex problems with sub-contractors, suppliers and customers;
- Maintain a design data pack, making sure that the item can be made again reliably and that it will perform consistently within the user requirement specification;
- Producing details of specifications and outline designs;
- Recommending modifications in the light of prototype test results;
- Knowledge of Health & Safety, Environment and Quality policies and procedures;
- Trial support, including work on surface vessels and submarine trials;
- Support to T&A and production where necessary;
- Working with other professionals, within and outside the Mechatronics Department.
- Good communication (both written and aural) and well-developed interpersonal skills;
- Computer literate, experienced in the use of Microsoft Office products;

... a sound decision

Challenges

- Use engineering principles to provide efficient solutions to the development of processes and products;
- Work on a project from design stage to final commissioning of the new system within the terms of the local Engineering Design Procedure and within the stated parameters of the work package agreement.
- Develop proven ability of designing and implementing cost-effective equipment / modifications while considering the implications of issues such as cost, safety and time constraints;
- Work toward capability of being nominated Authorised Person

Key accountabilities may include

- Accountable to project managers and technical managers as appropriate;
- Accountable to Team Leader for application of the Design Engineering Procedure;
- Accountable for the assessment of product to the relevant CE marking directives;
- Accountable for the production of designs, calculations and associated drawings and documentation;
- Accountable for assisting Team Lead with team and work package management;
- Ensure that the requirements of the customer is known and understood and obtain feedback on the extent to which customers expectations are being met, ensuring the customers expectations are being managed in the event of unforeseen problems and delays;
- Manage the estimating of time and resources and eventually cost, to the customer to produce the required design;
- To progress design tasks through the design phase to meet project requirements;
- Organising & ensuring attendance at key point meetings throughout the project;
- Planning within the design group, determining milestones with the relevant project engineers and taking ownership of those on behalf of the Design Team.

Behavioural requirements

- Ability to take responsibility for situations and work tasks;
- Ability to represent the company to the customer;
- Team work;
- Able to work to a plan;
- Maintain a clean and tidy working environment;
- Flexibility.

More information

The successful candidate must be able to achieve full SC (Security Clearance).

How to apply

Please forward your CV and a covering letter explaining why you are suitable for the post to Recruitment@uk.atlas-elektronik.com by the closing date and state the job title in the subject line.

Due to the nature of our work and the projects you will be working on, all candidates must be eligible to gain security clearance. ATLAS ELEKTRONIK UK Ltd is an Equal Opportunities employer and welcomes applications for all posts from suitably qualified people regardless of age, disability, ethnicity, gender, marital status, sexual orientation, religion or belief.

Only successful applicants will be contacted.

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