

**JOIN OUR TEAM!**

## **MARINE ENGINEER**

### **The role**

As a Marine Engineer you prepare and install electrical and mechanical components/equipment into SEA-KIT's uncrewed surface vessels (USVs), including hybrid powered engines/generators and propulsion systems. You perform full system integration of mechanical systems with relevant connections, valves and hoses/pipework.

You perform quality checks on equipment and on installation work performed, and instigate problem solving to investigate and resolve any issues identified. You will also highlight non-conformances identified during the build/fit-out of the USVs to improve the quality of the vessel design and build.

SEA-KIT's head office and manufacturing yard is based in Tollesbury, Essex. The role involves some travel within the UK and potentially to international locations.

### **Responsibilities**

- Installation of engine/generator and drive train systems into the USV, including hybrid powered engines/generators, propulsion and steering systems.
- Installation of components into the USV structure and sub-assemblies including HVAC and cooling systems (raw water & glycol), fuel systems, fire suppression and batteries (lithium ion, lithium iron phosphate).
- Equipment installation including deck hardware and hatches, as per build specification and schematics.
- Quality checking of components received prior to installation.
- Highlighting design issues/improvements.
- Providing feedback to the Design/Project Management teams for any non-conformances/anomalies within the build.
- Adherence to SEA-KIT HSE guidelines and use of PPE and correct equipment for the work being carried out.
- Monitoring stock levels and pre-empting ordering requirements.
- Providing information to the Procurement team on any requirements for specialised components.

### **Who we're looking for**

You have extensive marine engineering experience, including hybrid powered engines/generators, and experience working on aluminium and composite vessels.

Knowledge of mechanical systems is essential, and electrical experience is preferred. You are competent in reading vessel schematics and technical drawings.

ATEX/DSEAR qualifications and experience with hydrogen systems are preferred.

You take personal responsibility for maintaining high HSE and quality standards, have good attention to detail and take pride in the quality of your work.

You are a strong team player, and able to work well with and around others. You are able to follow instructions and work in a safe and productive manner. You also have good time management skills and are able to work well to timelines. You are able to work independently, and plan your own work.

You are flexible and will be available for weekend or out of hours work, and willing and able to travel as required.

### **What we offer**

SEA-KIT provides a positive and dynamic work environment. You will gain immersive experience, where you will be at the forefront of cutting-edge technology, with opportunities to stretch and develop yourself whilst contributing to the emerging market of carbon-reducing uncrewed surface vessels.

### **How to apply**

For more information, visit our Careers page at: [www.sea-kit.com/careers](http://www.sea-kit.com/careers)

To apply, please send a full CV to: [careers@sea-kit.com](mailto:careers@sea-kit.com).