

## USV Electrical Technicians

**Position:** USV Electrical Technician  
**Reporting to:** Production Lead  
**Location:** Near Dundalk, Co. Louth

### About XOCEAN

XOCEAN is an ocean data company – we collect data for clients ranging from mapping the seabed to monitoring the environment. However, we do this differently, instead of using conventional crewed survey ships, we have developed a marine robotic system known as an Unmanned Surface Vessel (USV).

### Overview

Responsible for build, maintenance and repair of all USV electronic components and equipment used in our vessels.

### Main Duties & Responsibilities

- Electrical panel build & installation
- Conduct electrical maintenance on USVs
- Execution of FAT/SAT testing during commissioning
- Electrical design (power and communications)
- Compliance with, execution and promotion of Quality, Health and Safety standards on site at all times
- Managing and maintaining Quality, Environmental and Health & Safety standards
- Fault finding in mechanical and electrical systems
- Research & Development support on new USV technology

### On occasion, this role may involve

- Accompanying USV offshore on support boat during testing
- Being responsible for generator servicing
- Conducting general mechanical maintenance of USV's
- Monitoring workshop tooling and consumables levels and purchasing same, with approval from Supervisor
- Implementing, maintaining, managing and updating all standard operating procedures and processes appropriate to the role.
- Being responsible for training other team members to the required standards, including coaching and mentoring of others

### Requirements: Essential Skills / Attributes and Experience

- Fully Qualified Electrician
- Significant previous experience as an Electrical Technician
- Minimum 3 years' experience in Industrial/Control system wiring
- Hold full clean drivers' licence
- Ability to interpret technical drawings or Standard Operating Procedures
- Ability to adhere to strict health and safety guidelines
- Ability to work to a high standard
- Ability to work on your own initiative and as part of a team
- Ability to work under time pressure
- The successful candidate may be required to travel on occasion

### Desirable Experience

- PLC/HMI development experience
- Generator/Battery system experience
- Marine maintenance experience – hobby/industrial would be acceptable
- Off-shore qualifications i.e. Powerboat licence, offshore survival, radio operators licence etc.

### Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- We thank all candidates for their interest, however due to very high volumes, only those who are selected for further consideration, will be contacted directly.
- To be eligible for this position you must have a valid working visa / permit to work in Ireland.
- Closing date for applications is 26<sup>th</sup> October 2022.
- Please apply online and follow the instructions or submit your CV to [careers@xocean.com](mailto:careers@xocean.com).