

## Uncrewed Surface Vessel (USV) Process Engineer

**Position:** Uncrewed Surface Vessel (USV) Process Engineer  
**Qualification:** 3<sup>rd</sup> Level Qualification in Engineering Discipline.  
**Location:** M1 Corridor, Greenore, 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 Uncrewed Surface Vessel (USV).

### Overview

The successful candidate will join the fleet technical team, where they will analyse the USV systems and operations to improve our productivity and reliability. The role will include reporting on USV performance and creation of documentation and training materials.

### Main Duties & Responsibilities

Responsibilities will include:

- Work with cross function teams on Improvement and problem solving projects and activities
- Studying current USV fleet performance and identifying areas for improvement.
- Manage XOCEAN's technical ticketing system to enable continuous improvement.
- Work "hands on" with equipment and processes when working on equipment validation and equipment automation projects
- Develop, Manage and Optimise KPIs/Data Analysis that show USV and Operational performance, helping to focus development effort,
  - Eg. Pareto, FMEA, DOE, 8D, 5-Why, Root Cause Analysis
- Work with the cross functional teams to develop user documentation & training materials.
- Assemble reports that communicate clearly current performance status.
- Create SOPs as required.
- Design test plans in conjunction with other teams and oversee testing.
- Project manage Improvement projects including budget.
- Work closely with other teams to maximise USV uptime and efficiency.

### Requirements: Essential Skills / Attributes and Experience

- 5+ Years in process engineering environments or similar,
- 3<sup>rd</sup> Level qualification in engineering discipline
- Analytical and statistical skills
- Strong communication skills, both verbal and through reports.
- Proficiency in technical writing
- Knowledge of ISO standards
- Strong problem solving and decision-making skills and attention to detail
- Ability to work with and challenge other teams and colleagues in problem solving activities.
- Ability to manage time independently, tasked with short term reactionary duties as well as long term strategic projects
- Motivated to learn new technologies and identify process improvement opportunities

### Desirable Criteria

- Basic experience of electrical and/or control systems would be a distinct advantage.
- Experience with Six Sigma and Lean Manufacturing methods would be an advantage.
- Knowledge of data analysis Tools; PowerBI, Minitab etc.
- Experience with Jira
- Located in North-East Leinster.

### Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- To be eligible for this position you must have a valid working visa / permit to work in Ireland.
- Please apply online and follow the instructions or submit your CV to [careers@xocean.com](mailto:careers@xocean.com).
- Closing date for applications is 09 March 2023.

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.