

**THE EUROPEAN MARINE ENERGY CENTRE**  
**JOB DESCRIPTION AND PERSON SPECIFICATION**

**Operations Technician (ITEG)**

**Reports to:** Operations & Maintenance Manager

**Purpose:** Support the final assembly, installation, commissioning, service and maintenance of all Hydrogen assets.

**Responsibilities**

1. Deliver planned service and maintenance for all Hydrogen assets and respond to any equipment downtime issues, establishing any required outside resources to assist in responding to these issues quickly.
2. Ensure that all executed service activities are based on Hydrogen and electrical safety standards working according to EMECs H&S processes on all sites.
3. Interface with the equipment supply base to have key resources at our suppliers to assist in equipment problem solving when required. Know who to call when.
4. Manage large and small equipment improvement projects in the plant.
5. Support the compilation of detailed engineering specifications for all the equipment required to purchase, include all relevant legislative requirements.
6. Support the selection of suppliers for all the capital equipment and follow the equipment build.
7. Calibrating and repairing instruments and associated equipment. Consulting manuals, reading and interpreting circuit diagrams, blueprints, and schema Generate instrumentation specifications.
8. Ensure that the EMEC Integrated Management System is adhered to and assist the Quality Manager and others with identifying and progressing improvement actions, supporting EMEC's accreditation by the UK Accreditation Service (UKAS) or other relevant body.
9. Work closely and flexibly with all EMEC staff from across the business, but with particular attention to establishing and maintaining a close liaison with the rest of the Operations Team.
10. From time to time carry out other assignments which may differ from the above as instructed by line management.
11. Ensure that data and learning from the project is captured and evaluated by EMEC.

**Reports:** There are no direct reports to this post.

## **Person Specification**

### **Education**

Essential – HND or Equivalent in Electro/Mechanical Engineering. Experience with the installation, commissioning and maintenance of complex machines or plants.

Desirable – Experience of working with pressure systems. Complex Hazardous Area certificate.

### **Skills & Knowledge**

Essential – Strong mechanical aptitude. Hands-on approach to engineering. Can quickly understand complex systems to find potential failures and quality issues. Structured, consistent and clear with documentation and follow work procedures in a safe and efficient manner. Understanding of work safety procedures and experience in risk evaluation. Ability to read and interpret electrical and process diagrams.

Desirable – Experience in working with high pressure gas. Knowledge in the remote operation of complex systems. Interest in process improvement.

### **Personal Attributes**

Essential – Attention to detail, the ability to organise and priorities work flow to maintain equipment in a safe operational state. Good communication skills and report writing ability.

### **Experience**

Essential - 3 years post educational experience working on operational mechanical/ electrical plant.

Desirable – Knowledge of pressure systems and working in controlled hazardous areas.

### **Special Conditions Associated with the Role**

1. Flexibility to work 24/7 on call
2. Must be able to travel for some meetings, conferences, etc (as necessary).