

## Development Test Engineer

### Interfaces:

Reporting line: R&D Manager  
Direct reports: N/A  
Team Interfaces:

- Project Technical Lead(s)
  - Work closely throughout project lifecycle. Ensuring test plans are clearly defined and reviewed and executed
- Design Engineers (Electronics/Mechanical/Software)
  - Work closely throughout project lifecycle. Ensuring test plans are clearly defined and reviewed and executed, assisting with specific development testing where appropriate
- Manufacturing and Global Support Team (EVTC)
  - Provide technical for production and system testing activities

Location: Norwich (EVTC) plus some national and international travel may be required

### Role and Responsibilities:

- Develop and execute test plans to fully test EV's current and future well bore inspection tools during the development process
- Build prototype hardware and systems for development projects
- System and board level testing to support development project objectives
- Firmware, hardware, software level testing
- Build test jig and fixtures for board and system level testing, based on design engineer requirements
- Produce build and test manuals/documents for new designs, working closely with design and production teams to ensure effective documentation
- Ensuring high quality and effectiveness in development testing
- Work closely with development team, QA team and Management to improve current processes and define new processes where appropriate
- Report test progress regularly to Project Leads Engineers and Project Managers
- Report all system issues identified in a clear and concise manner to the development team
- Work with the development team to replicate issues and characterise behaviours to enable reliable testing of any solutions implemented
- Working with EV development teams to continually define, improve and develop methods and processes
- Carrying out best practice engineering methods
- Ensure compliance with company's HSE policy and actively promote safety within the work environment

## Desirable Attributes

### Robust Electronics and Technical Proficiency:

- Showcase a track record of hands-on experience in electronics and technical domains.
- Demonstrate comprehensive knowledge of relevant engineering principles and practices.

### Meticulous Attention to Detail:

- Exhibit an exceptional level of attention to detail in test planning, execution, and analysis.
- Illustrate the ability to identify subtle issues and anomalies within complex engineering systems.

### Analytical and Logical Problem-Solving Skills:

- Demonstrate a strong analytical mindset with the capability to systematically approach and solve complex problems.
- Showcase proficiency in logical reasoning to troubleshoot and address engineering challenges effectively.

### Effective Documentation Skills:

- Possess the capability to create clear, concise, and well-structured documentation.
- Highlight experience in developing comprehensive test plans, reports, and documentation to enhance team understanding and knowledge transfer.

### Adaptability and Continuous Learning:

- Showcase a commitment to staying updated on emerging technologies and industry best practices.
- Illustrate the ability to adapt to evolving testing methodologies and tools to ensure the effectiveness of the testing process.

### Collaborative Team Player:

- Demonstrate excellent communication skills and the ability to collaborate seamlessly within a cross-functional engineering team.
- Highlight instances of successfully working with diverse teams to achieve common testing goals.

### Quality-Driven Mindset:

- Emphasize a commitment to delivering high-quality results through rigorous testing practices.
- Showcase experience in implementing and maintaining quality assurance processes to ensure robust product performance.



### **Time Management and Prioritization:**

- Showcase the ability to manage time effectively, meet deadlines, and prioritize tasks based on project needs.
- Provide examples of successfully handling multiple testing responsibilities concurrently.

### **Key Performance Indicators:**

- Meet project development testing scheduled milestones