

Job Description



Role Title: Systems Test and Integration Engineer

Reporting to: Chief Engineer - Systems Engineering

Role Purpose:

Lead System Integration and testing activities including generation and execution of test plans utilising test rigs and other test facilities.

Key Responsibilities:

- Design and development of testing plans for system characterisation and V&V.
- Perform testing activities, utilising rig, and vehicle facilities. Testing reports and analysis.
- Setting up test equipment, including instrumentation and test automation.
- Documentation of test facilities and test specifications.
- Problem investigation and resolution.
- Work closely with other engineering teams; ensure test plans are available so that the right facilities are made available at the appropriate time.
- Ensure all data and reports are appropriately documented
- Assist in developing product sign off criteria. Highlight any deviation from plan at the earliest opportunity and instigate recovery plans
- Ensure that the appropriate test standards are applied and are reviewed / updated as technology progresses.

Qualifications, Experience and Skills Required:

- HND or equivalent in automotive, electrical/electronic, mechanical or control engineering.
- Ideally has a minimum of 5 years relevant system testing experience
- Experienced in set up and running of testing equipment, including instrumentation and measurement equipment.
- Good logical reasoning and problem resolution
- Demonstrating depth of knowledge in system integration, verification, and validation.
- Achieving results through effective teamwork, collaborating with cross functional teams
Showing ability to overcome cultural barriers
- Strong numeracy and literacy skills
- Demonstrates understanding of good H&S practice
- Good working knowledge of test automation tools
- Familiar with CAN analysis tools (e.g. Canalyser), calibration tools, instrumentation, and data loggers. MATLAB/Simulink experience would be useful.

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Preferred:

- 1st degree in a relevant engineering discipline
- Experience of working in a regulated industry e.g. Automotive, Rail, Marine, Aerospace highly desirable
- Exposure to System Engineering practices is desirable

Personal Attributes:

- The ideal candidate will be an initiative-taker with the enthusiasm, drive, and flexibility to thrive in a fast-paced, growing company.

Location and Travel:

- You must be eligible to work in the **UK** and have no restrictions for world-wide travel.
- This role is based at our Head Office in the **UK**, with flexibility for remote working.
- Working hours are 0900 to 1700, including 30-minute paid break 5 days a week, however frequent travel is expected, and flexible working patterns are essential to the role.