Department: Electrical and Electronic Systems

Job role overview:
To allow for the introduction of new and exciting automotive technology across our range of motorcycles, the Electrical & Electronic Systems department is looking to bring in a talented, passionate, and driven Integration and Validation Engineer to drive and facilitate the delivery of integrated HW and SW in the assigned projects for our New Technology and New Model Introduction Programs.

Report to: Integration and Validation Lead Engineer - EES

Location: Hinckley, UK

Duties and Responsibilities:
- On the assigned projects:
    - Support definition and development of EndOfWorkshop/EndOfLine tools
    - Support troubleshooting of electrical issues on the line and workshop builds
    - Troubleshoot electrical issues on bikes
    - Support integration solutions for early development of features
    - Support and/or perform bike-level electrical tests and analyse test reports
    - Create test specifications and test cases for bike level testing
    - Lead and perform calibration of electrical features on bikes
    - Generate and release calibration packages

- Contribute to the development and improvement:
    - Tools & Methods for Software integration and releasing into vehicle projects
    - Ensure processes/procedures are in place to ensure deliverables and milestones are being met on a day-to-day basis by the teams.
    - Agree project metrics with key stakeholders.
    - Track best practices within the project planning community.
- To undertake and assist with duties as required by your Manager.

Deliverables:
- On the assigned projects:
    - Config Files
    - EOL/EOW SW & HW
    - Test cases
    - Test reports

Interfaces:
- EES TLs
- Head Of DV&V
- Director of EES
- EES Chief Engineer
- EES Project Engineers
- EMS and ABS SW owners
- EES engineers
- Dev workshop technicians and managers

Person Specification: Senior Engineer/Engineer – Integration & Validation

TRIUMPH

	Essential	Desirable
Qualifications and Attainments	BEng or MEng in Technical subject with modules covering software planning and integration etc or equivalent and relevant experience.	Working towards Chartered Engineer. ISTQB (Preferably Automotive Software Tester).
Professional Experience and Skills	Previous experience of working within an automotive / manufacturing / industrial environment. Proficient planning of Integrated Software delivery into complex systems Proficient with CANoe and CANalyzer Knowledge of diagnostic protocol and re-programming. Proficient in Systems test and validation. Proficient in Microsoft packages including Excel, Word and Outlook. Knowledge of full Systems Engineering lifecycle / V model Detailed Knowledge of CAN communication Excellent troubleshooting skills.	Experience with Vector PREEvision Test case generation Script development e.g. Python (or similar). Experience with defect resolution tools (e.g. JIRA). Experience in software download, optimisation and continual improvement. Full motorbike license Experience with EOL systems and processes.
Personality and Motivation	Self-motivated and resilient. Flexible and adaptable. Able to work under pressure to tight deadlines. Excellent communication skills, clear and concise written and verbal skills. Logical approach to problem solving.	Continuous process improvement.
Appearance and Characteristics	Well presented and professional in approach.	
Circumstances	Flexible on working hours.	Willing to undertake UK and Overseas travel.