



## Product Validation Engineer

Farnham, UK

Protean Electric is an automotive technology firm. Our mission is to drive sustainable transport through innovation, and we are looking for the best people to join us and help stay ahead of the competition.

Working with us is your opportunity to become an expert in your field and to join us in setting world-class standards in design and production quality. Diversity and inclusion are fundamental to our approach. We know that teams who share one vision whilst drawing from a range of diverse backgrounds and experiences are the most innovative.

Working here means enjoying a fast paced, dynamic and collaborative environment. Our challenges require innovative solutions and provide a unique opportunity to shine and grow with the company.

We value and measure ourselves against these “Best Self” behaviours:

- Pioneering
- Driven
- Tenacious
- Collaborative
- High Integrity
- Responsible

If you decide to apply for the role, please email your CV, cover letter and salary expectations to: [ukjobs@proteanelectric.com](mailto:ukjobs@proteanelectric.com). It is important that you **quote the full Job Title in the subject line.**

Thanks for taking an interest in joining us and please see the specific details below:

### The Role

We are seeking the right individual to join our Test & Validation team.

### Main Duties & Responsibilities

To support the development and testing of Protean’s innovative in-wheel motor technology. The position is ‘hands on’, completing product validation and verification tests on the in-wheel motor. Tasks include specifying and designing appropriate test procedures, building and setting up test equipment, carrying out product testing, analysis of collected data and producing the necessary reports and documentation.

## Key Responsibilities

Include, although are not limited to, the following:

- Completing all types of testing, including performance and function, electrical, environmental and life
- Liaising with and overseeing work completed by external test houses and certification bodies
- Generating test documentation including test reports and specifications
- Designing, specifying and developing new test procedures
- Statistical analysis of test data and making appropriate diagnosis and recommendations on trends, solutions and improvements
- Drafting, collating and delivering test information across the company at all levels, presenting the outcomes and recommendations on solutions for the future
- Specifying and procuring test equipment and components
- Setting up tests including designing and building test jigs and fixtures, metal and plastic work, wiring and soldering
- Supervision of Product Validation Technicians
- Maintaining a safe and tidy working environment at all time

Relevant Skills	Relevant Knowledge & Experience
<ul style="list-style-type: none"><li>• Highly organised with the ability to stay focused</li><li>• Self-motivated with the ability to work independently with little direction or supervision and in a team environment</li><li>• Excellent written and oral communication skills</li><li>• Ability to mentor and coach others</li></ul>	<ul style="list-style-type: none"><li>• Strong experience as an electro-mechanical engineer in an R&amp;D laboratory or product development environment</li><li>• Experienced in working to test procedures and generating test specifications and reports</li><li>• Experienced in fault finding and problem diagnosis</li><li>• Familiarity with and testing of electric motors and/or inverters</li><li>• Familiarity with testing to automotive standards</li><li>• Laboratory software programming (LabVIEW etc.)</li></ul>

