



Sr. Product Test Engineer @Tempe, AZ ~\$120-\$140K+

Play a key role in the future of Electric Vehicles (EV). This Engineer drives design, testing and development of diverse EV charging solutions across team for a global leader. Our client designs, maintains, manages, and operates a large network of EV charging stations deployed across the world. Their comprehensive set of hardware, software, and mobile solutions meet every evolving charging need.

As EV becomes reality this is a key role to designing and maintaining global competitive advantage.

This role reports to the Dir Prod Development on a dynamic global team. Skills in Taiwanese, Mandarin and/or languages spoken in India and China are highly valued. **H1B Sponsorship is available for key talent.**

The Senior Product Test Engineer will develop and implement testing procedures on hardware and firmware products. **This position will be responsible for performing root cause analysis, automating test cases, setting Quality Assurance (QA) metrics, defining corrective actions for hardware, firmware, and software products.**

This is a hands-on on-site role for a self-starter with a technical engineering background, capable of working in a team environment, mentoring junior engineers, communicating technical information with overseas development team, highly motivated to take on new challenges. **Lives in Real-Time Product Development.**

Product Testing

- ⊖ Develop & execute automation scripts for validating features on hardware, firmware, & software products.
- ⊖ Create detailed, comprehensive, and well-structured test procedures & documentation.
- ⊖ Execute, prioritize, plan, and coordinate testing activities with internal teams and external vendors.
- ⊖ Identify, record, document firmware bugs through JIRA or similar platform.
- ⊖ Perform thorough regression testing when bugs are resolved.

Testing Lab

- ⊖ Research and facilitate equipment and supplies required for the testing lab(s) in real-time.
- ⊖ Support overseas/offsite teams in remote product testing activities in real-time.
- ⊖ Encourage innovative concepts and methods for advance testing procedures.

Product Development - Drive hardware & firmware development adding innovative features to products.

Project Management – Expert in scheduling, tracking, reporting & problem solving on tight project timelines.

- ⊖ Master's degree or Bachelor's in engineering, preferred emphasis in Computer Science, Electronics, Electrical or similar disciplines/relevant work experience.
- ⊖ Minimum of Eight (8) years of experience in product testing that includes firmware and hardware.

- ⊖ Minimum of Eight (8) years of experience in implementing testing procedure for product launches.
- ⊖ Experience in writing clear, concise, and comprehensive test plans and test cases.

Specific Architecture Systems/Applications/Platform Skills

- ⊖ Experience with Test Rail or equivalent test workbenches and Microsoft Office.
- ⊖ *Solid knowledge of SQL and scripting.
- ⊖ *Knowledge of coding languages C, C++, Python, HTML, CSS, XML, Java, or equivalent.
- ⊖ *Knowledge and experience in Arduino, Raspberry Pi, MATLAB, and oscilloscopes.
- ⊖ *Experience working of operating systems Windows, Linux, iOS and/or Ubuntu.
- ⊖ Strong knowledge of Quality Assurance (QA) methodologies, tools, and processes.
- ⊖ Capable in product design reviews, verification testing, supplier/vendor development, & customer support.
- ⊖ Leverages a strong understanding of technical methods, principles, and systems for testing.

Interpersonal – Team Playership & Communications Skills

- ⊖ Demonstrated ability to make good decisions even in scenarios with limited information
- ⊖ Strong oral, written and listening communication skills.
- ⊖ *Combined ability to work independently and interact with people at all levels of responsibility.
- ⊖ *Experience working in team environment, overseas team members and with external vendors
- ⊖ Prior experience in the electric vehicle industry, consumer electronics, automotive or energy industry is a plus
- ⊖ Project management and technical certifications is a plus.
- ⊖ Ability to be self-motivated and exhibit a high degree of professionalism and organization.
- ⊖ Ability and willingness to travel (when required).

Will Sponsor for H1 B if currently Authorized to work in the United States

Comprehensive Benefits Package Includes:

- ⊖ Medical, dental, and vision plans
- ⊖ Paid Time Off (PTO) – 13 Holidays
- ⊖ Optional life insurance & Optional supplemental insurance
- ⊖ 401(k) plan
- ⊖ Relocation Assistance

PRéP Intl and our clients are Equal Opportunity Employers committed to **Justice, Equity, Diversity, and Inclusion** (JEDI) and do not discriminate based on race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, employment, veteran status or any other protected status.

Qualified Women, Minorities & Veterans are encouraged to apply