XP Power
https://www.xppower.com/

POSITION TITLE: HV Test Engineer

POSITION LOCATION: Minden, NV

POSITION DESCRIPTION:
XP Power is a major supplier of critical power conversion technology to the medical, technology, industrial, and defense markets. XP Power is looking for a HV Test Engineer to ensure the reliability of products through the analysis, troubleshooting, modification, and repair of electronic equipment and systems. They accomplish this through the development of test apparatuses and methods to prove that functionality and design meet internal and customer specifications. This role encompasses both hardware and software design for test platforms. This will also include the collection and trend analysis of test data. Duties include, but are not limited to:

- Determining the best method on how a product will be tested in manufacturing and assuring that the product meets applicable specifications
- Developing and publishing Integrated Test Plan, detailed test plans, test schedules, and test procedures for production testing
- Reviewing and evaluating test requirements to ensure completeness of test program
- Responsible for determining the best method of achieving the highest test coverage using different test processes
- Designing, automating, and implementing test platforms capable of a full electrical, high voltage test
- Designing, automating, and implementing test platforms for Burn In, Thermal Stress Screening, etc.
- Designing, modifying, developing, writing, and implementing the software required
- Interfacing with DMMs, oscilloscopes, power supplies, etc. to test product
- Interfacing with R&D Engineering to determine future needs of testing and design timelines for additional equipment, platforms, and programs
- Setting up of test environments, designing test plans, developing test cases/scenarios/usage cases and executing these cases
- Identifying functional problems; suggesting and implementing corrective actions
- Assisting in the definition of internal quality control standards and the maintenance of reliability programs
- Other duties may be assigned

PREFERRED QUALIFICATIONS:

- Bachelor’s degree in a STEM major plus two years of relevant experience is required
- Must have previous electronics experience
- Proficient in Windows and Office
- Excellent programming skills
- Strong understanding of the software development life cycle
- Ability to write reports, procedures, and business correspondence
• Project management
• Proficient in communication
• Creative thinking and problem solving
• Active listening and active learning

HOW TO APPLY:
Interested candidates should send in their resume, cover letter, and salary expectation to Alexandra Galvez at vacancies@xppower.com.