POSITION TITLE: Test Engineer

JOB LOCATION: Minden, WA

POSITION DESCRIPTION:
The Test Engineer ensures 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. International students can apply too.

Duties and Responsibilities:

• Determines the best method on how a product will be tested in manufacturing and assure that the product meets applicable specifications
• Develops and publishes Integrated Test Plans, design of experiments (DOE), test schedules, and test procedures for both production and reliability testing
• Reviews and evaluates test requirements to ensure completeness of test programs and fixtures
• Design, automate, and implement test platforms capable of a full, high voltage, electrical tests including: Burn In, Thermal Cycle Testing, HASS/HALT, etc.
• Design, development, and implementation of software required for testing
• Interface with DMM’s, oscilloscopes, power supplies, function generators, etc. to test product
• Interface with D&D Engineering to determine future needs of testing and design timelines for additional equipment, platforms, and programs
• Setting up test environments, designing test plans, developing test cases/scenarios/usage cases, and executing these tests
• Identifies functional problems, suggests and implements corrective actions
• Assist in the definition of internal quality control standards and the maintenance of reliability programs
• Other duties may be assigned

MINIMUM QUALIFICATION:
In order to be qualified, you must meet the following requirements:

• Bachelor’s Degree in Electrical Engineering, or similar discipline
• 2+ years of relevant experience required
• Must have previous experience with testing and troubleshooting of electronics equipment
• Strong understanding of Statistical Process Control (SPC)
• Proficient in Windows and Microsoft Office
• Programming skills and a strong understanding of the software development life cycle preferred
• Ability to write reports, procedures, and business correspondence
• Project management
• Proficient in communication
• Creative thinking and problem solving
• Active listening and active learning
WAGE AND BENEFITS:  Salary: $50-70k. In addition to competitive salary, XP Power offers a comprehensive benefits package, which includes company sponsored health insurance coverage, and a 401K plan. Non-financial benefits include a friendly work environment.

HOURS PER WEEK:  40

POSITION STATUS:  Permanent
Full-time

DESIRED MAJORS:  Computer Science & Engineering, Electrical Engineering

HOW TO APPLY:  Email résumé to Alex Kramer, HR Coordinator at akramer@xppower.com

APPLICATION DEADLINE:  June 01, 2019