



<b>Job Title</b>	Electronics Test Engineer
<b>Location</b>	Vancouver, BC
<b>Reports to</b>	Director of Electronics
<b>Date Posted</b>	March 2021

### **Job Summary**

As the world transitions to a renewable energy future, large-scale energy storage systems are required to bridge the gap between intervals of renewable energy production. Invinity Energy Systems, listed on the London Stock Exchange, is the leader in vanadium flow batteries, a proven technology addressing the global demand for energy storage.

Invinity is seeking an Electronics Test Engineer to join its product development team. This role will work closely with the electronics design team to develop and conduct comprehensive verification test plans. You will be responsible for developing and maintaining the testing infrastructure and equipment necessary to verify robust designs and design the test methods. You will work closely with other teams to establish and conduct various integration tests and provide detailed reports back to design teams.

### **Responsibilities**

- Design, source, and build test electronic test equipment including complex electronic test benches.
- Work with electronics design team to create test plans and conduct tests.
- Support root cause analysis and troubleshooting of field failures of electronic components.
- Engage with contract electronic designers, reviewing and auditing test plans.
- Support and conduct product certification testing, working with third-party testing labs to provide equipment.

### **Requirements**

- 5+ years experience testing and/or designing electronic systems and related components.
- Experience working with high voltage AC and DC electronic systems and related test equipment: power supplies, oscilloscopes, dataloggers, etc.
- Strong documentation skills, writing and reviewing test plans and reports.
- Experience working in a structured product development environment.



- Able to read and understand DFMEA and various design documentation.
- Experience working with contract design and development teams. Proficiency working hands-on with electronics and printed circuit board assemblies, capable of reworking through-hole and SMD components.

**Desirable**

- Capable of developing interface software programming (LabVIEW, Python, other) to support use and automation of test equipment.