

## **Test Technician / Technologist**

Zinc8 Energy Solutions is developing a range of energy storage products based on a novel zinc-air flow battery technology. An expanding market for these products exists in utility, commercial, industrial, microgrid and similar applications. With powerful backing and a committed engineering nucleus, Zinc8 is expanding its product development team to capitalize on this rare opportunity.

### **Job Description**

Zinc8 is looking for a lab technician, or technologist, to help support our testing objectives. Working with Test Engineers and Project Team Leaders, this hands-on position will provide support in operating various electrochemical experiments.

### **Duties & Responsibilities:**

- Conduct titrations to measure concentrations of chemical solutions.
- Operate chemical mixing systems (large and small) to prepare alkaline solutions.
- Collect samples from various alkaline electrochemical test systems.
- Support operation and maintenance of electrochemical test systems.
- Follow test procedures provided by Test Engineers and report on results.
- Conduct assembly and component tests.
- Inspect and report on disassembled test fuel cells and electrolyzers.
- Support assembly of piping systems for various experiments.
- Support assembly of test fixtures.
- Support disassembly of components that have been immersed in hazardous chemicals.
- Rigorously adhere to safety and environmental procedures for self and fellow employees.
- Position may require occasional driving to prototype installation site in the lower mainland to collect chemical samples.

### **Minimum Qualifications**

- Chemical Technologist diploma, or Degree in Chemistry, or equivalent.
- 3 years of experience as Lab Technician in a lab environment or R&D environment.
- Demonstrated diligence in note taking and following procedures.
- Good mechanical aptitude.
- Comfortable working with and around hazardous chemicals.
- Computer literacy in Excel and Word.
- Ability to lift 50 lbs.
- A desire to see progress and a positive work attitude.
- Demonstrated meticulous attention to detail.
- Good organizational skills.
- Must be fluent in English with excellent communication skills.
- Must have valid BC driver's license.

**Desirable Experience and skills:**

- Experience working with hazardous materials and has shown the ability to follow safe work instructions is an asset.
- Experience with electrochemical systems would be an asset.
- Experience working with slurries would be an asset.

**Compensation:**

We offer a competitive salary and benefits commensurate with qualifications and experience.

**Location:**

Vancouver, B.C.

Presently located close to the Canada Line Marine Drive SkyTrain station.

A second facility will be established on Viking Way in Richmond.