

## **Mechanical Assembly Technician**

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 mechanical technician to help build and test our novel flow battery technology.

### **Duties & Responsibilities:**

- Build PVC piping systems according to assembly drawings and P&IDs.
- Build jigs as needed to build complex pipe assemblies.
- Assemble Unistrut frames for test systems.
- Assist in pilot product assembly and commissioning.
- Support mechanical assembly for various groups.
- Support inventory management and parts receiving.
- Thoroughly document piping assemblies.
- Create assembly procedures.
- Support stack assembly.
- Support facility upgrades.
- Conduct part inspections.
- Occasional fabrication with common shop tools.
- Rigorously adhere to safety and environmental procedures for self and fellow employees.
- Support disassembly of components that have been immersed in hazardous chemicals.

### **Minimum Qualifications**

- 3 years of experience as Mechanical Technician in a lab environment.
- Ability to work from engineering drawings, BOMs and P&IDs.
- Experience building pipe and tube assemblies.
- Experience building socket welded plastic pipe assemblies.
- Comfortable with working in hazardous environment.
- Computer literacy in Excel and Word.
- Good mechanical aptitude.
- Ability to lift 50 lbs.
- Good organizational skills. Can manage multiple tasks and organize documents and data effectively.
- A desire to see progress and a positive work attitude.
- Demonstrated meticulous attention to detail.
- Must be fluent in English with excellent communication skills.

**Desirable Experience and skills:**

- Experience with assemblies that use o-rings and gaskets.
- Experience working with hazardous materials and has shown the ability to follow safe work instructions is an asset.

**Compensation:**

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

**Location:**

Vancouver, B.C.

Great location! Located close to the Canada Line Marine Drive SkyTrain station.