

Junior Test Engineer / Scientist

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

Job Description:

Working with domain specialists, the Test Engineer will participate in a variety of projects that involve tasks such as equipment assembly, test planning, system testing, data capture, result analysis and equipment maintenance.

Duties and Responsibilities:

- Create equipment operating procedures, test procedures, and operations checklists
- Assemble electro-mechanical sub-assemblies according to engineering drawings and procedures
- Assemble plastic piping systems according to drawings and standard assembly procedures
- Develop, document and review test plans
- Execute test plans and record results
- Analyze test results and recommend improvements to both test-target and test-bed
- Maintain equipment functionality and cleanliness
- Maintain inventories of chemicals, test articles and other disposables through purchase orders and labelling
- Continuously analyze and implement improvements to procedures for safety and efficiency
- Schedule test activities for timeliness and accuracy
- Adhere to safety and environmental procedures for self and fellow employees

Minimum Qualifications:

- Bachelor's degree in Engineering, Science or Applied Science
- 2 years' experience as a Test Engineer in a lab environment
- Computer literacy in Excel and Word
- General knowledge of electrical circuits theory and measurement tools
- Aptitude for electro-mechanical assembly and troubleshooting
- Experience working with fluidic systems
- Experience working from engineering drawings and BOMs
- Demonstrated attention to detail and thorough note taking
- Must be fluent in English with excellent verbal and written communication skills

Desirable Qualifications:

- Experience working with typical chemistry lab equipment
- Ability to work with chemicals while observing all safety requirements

- Familiarity with P&ID specifications
- Experience with electrochemical systems
- Experience as a research assistant
- Exposure to fuel cell design and development tasks
- Experience with LabVIEW
- Good understanding of electrochemistry theory
- Fabrication experience

Compensation:

We offer a competitive salary with generous benefits.

Location:

Vancouver, B.C.

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

Please send your resume and cover letter to: careers@zinc8energy.com