



Ballard Power Systems provides clean energy fuel cell products, enabling optimized power systems for a range of applications. We are recognized as the world leader in design, development and manufacture of zero-emission proton exchange membrane (PEM) fuel cells and are focused on accelerating commercial adoption.

Ballard is focused on stationary power market segments (Backup Power, Supplemental Power and Distributed Generation) and motive power market segments (Transit Buses and Material Handling) in addition to supporting business segments, including material products and contract manufacturing.

Employees and management at Ballard are mobilized around a single mission ... to accelerate fuel cell product adoption. With our proven technology, comprehensive range of fuel cell products and services, unsurpassed field experience and teams of highly-skilled people we believe we have what it takes to create smarter solutions for a clean energy future.

### **Manufacturing Engineer – Stack Testing**

Ballard's MEA Manufacturing Engineering & Development Department has an immediate opportunity available for a Manufacturing Engineer. This position will be located at our Burnaby facility.

The successful candidate will be responsible for:

- Owning a specific set of manufacturing processes and/or test equipment,
- Analyzing and reporting on process trends and their effects on part performance,
- Managing all process documentation, shop floor work instructions, process flows, material handling and quality control systems,
- Training technicians on new manufacturing methods and/or test processes and validating training,
- Identifying and justifying projects for improving manufacturing and/or testing capability,
- Implementing process alarming to any out-of-specification conditions or special cause variation,
- Implementing error-proofing concepts,
- Lead or participate in COGS reduction projects
- Lead or participate in Quality investigations
- Trouble shooting of process equipment
- Production support for specified process.

Requirements:

- Degree in Electrical Engineering or Mechanical Engineering
- 5+ years of experience in a manufacturing environment
- Excellent analytical and problem solving skills
- Experience using statistically designed experiments to reduce product variability

- Experience with MSA and gauge repeatability
- Strong knowledge of SPC and statistical methods
- Excellent written and verbal communication skills
- Strong organization skills
- Customer focused

The candidate should have a successful track record in leading multiple projects and in trouble-shooting processes. Experience in process design and continuous improvement projects using tools and methodologies such as DOE, and SPC is essential. Proven experience in quality and/or failure investigations and an understanding of fuel cell design and operation is an asset.

Ballard values diversity in the workplace and is committed to Employment Equity. We encourage applications from all qualified candidates.