

Manufacturing Team Lead H2 Infrastructure

Powertech Labs Inc, BC Hydro's subsidiary that specializes in energy research, consulting, testing, and systems integration, has been serving power utilities, oil and gas companies, automotive, and electrical utility equipment manufacturers since 1989. We operate as a separate, unregulated, for profit, commercial company. In addition to providing innovative R&D, consulting and testing services to BC Hydro, Powertech provides the majority of its services to a large and diverse array of clients across North America, and around the world. Powertech is located on an 11-acre campus in Surrey, British Columbia and has 200+ employees. Our reach and reputation are global, and we are recognized as a leader in technology, testing, and power systems software. Our location places us close to BC Hydro, 25 kilometers from the US border, and at a gateway between Asian and North American markets. Finally, we are located in one of the most desirable locations on the globe, with all the natural beauty of British Columbia on our doorstep. We call this home.

This is your chance to have a global impact on achieving a low carbon future. Powertech is at the forefront of the hydrogen vehicle industry and has an exciting opportunity to lead a team focused on the manufacture of industry-leading hydrogen vehicle refueling stations. Powertech has already helped put fuel cell vehicles on the road – we need your help to us put the refueling infrastructure in place.

Duties

- Lead a team of engineers and technicians in the execution of several projects of varying complexities.
- Ensure that qualified internal and external resources are available and possess the required expertise as well as tools to meet project requirements.
- Develop/optimize the workflow, communication, quality, and efficiencies.
- Provide technical guidance in hydrogen stations engineering relating to mechanical design, code compliance and quality control.
- Investigate challenges relating to fabrication or engineering to assess risks and develop innovative solutions.
- Provide work prioritization and resource allocation to meet project needs; review work in progress and assess completed work for accuracy, required results and compliance with quality assurance and engineering standards.
- Communicate with Project Engineers to ensure that fabrication work is prioritized appropriately while providing regular status updates to leadership team on shop progress.
- Work with suppliers and contract manufacturers to ensure that equipment is built to required specifications.
- Manage external contractors, including electricians, refrigeration technicians and other trades to ensure that work is completed on time and in a safe and efficient manner

- Lead the development of shop fabrication drawings, as-built drawings, and documentation. Guide the technical and operational performance of the team to meet customers' needs.
- Set annual staff objectives, conduct mid-year and year-end performance assessment, address personnel performance issues through performance management practices, support staff career progression by establishing personal development plans.
- Establish and maintain departmental procedures of technical, quality, safety, and environmental nature, participate in regular auditing of processes and documentation, and engage with support teams on addressing corrective actions in a timely manner
- Work collaboratively with other teams across Powertech, and seek opportunities for cross discipline projects

Qualifications

- Bachelor's degree in Mechanical, Electrical, Mechatronics, Manufacturing, or Industrial Engineering recognized by universities in Canada.
- Registered as a Professional Engineer (P.Eng.) with the Engineers and Geoscientists BC (EGBC) or eligible for immediate registration.
- Minimum of 8 years of experience in a manufacturing/production environment
- Hands-on experience working in a manufacturing / shop environment
- Demonstrated experience in managing shop personnel, technicians, and junior engineers
- Experience working in a union environment is an asset.
- Experience with Solidworks software or equivalent to produce drawings to ASME standards is an asset.

ADDITIONAL INFORMATION

- Demonstrated rigor in modeling behaviours for working safely in laboratories and the field
- Demonstrated management of a P&L and an understanding of annual planning, budgeting, and business forecasting
- Excellent leadership, team building and project management skills
- Demonstrated ability to manage the successful implementation and delivery of products and services to the client on time and within budget
- Excellent verbal, written and interpersonal communications skills including the ability to build successful relationships, make presentations to technical and non-technical audiences and liaise with peers in industry
- Excellent risk-based decision-making capabilities
- Able to adapt to a constrained schedule and perform under pressure

Job Status: Full-Time Regular

Affiliation: M&P

Level: P3

Please be advised that this role has been assessed as safety sensitive and pre-qualification alcohol and drug testing will be required as a pre-condition to employment.

A condition of employment for this job is that you maintain your Driver's License (Class 5) in good standing.

For Powertech Lab positions, the flexible work model options are different due to their specific operational requirements and details will be discussed at the interview stage

To learn more about Powertech Labs Inc., visit us at <https://www.powertechlabs.com>.

HOW TO APPLY ALL CANDIDATES ARE REQUIRED TO ATTACH A COPY OF THEIR COVER LETTER, RESUME, DIPLOMA/DEGREE, ACADEMIC TRANSCRIPTS
If applicable, a copy of your work visa is also required. **INCOMPLETE OR LATE APPLICATIONS CANNOT BE PROCESSED.** This will ensure we have all the necessary information to assess your application without any delays