

<b>Coatings Specialist Powertech</b>	
<b>Positions Available: 1</b>	
<b>Status:</b> Full-time (37.5 hrs/wk) Permanent	<b>Job Location:</b> <b>Flexible Work Role:</b> Hybrid <b>Region:</b> Lower Mainland

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.

Powertech's brand and reputation command a dominant position in the power industry. To better serve our clients, we group our services under six market-orientated sectors: Generation, Transmission and Distribution, Substations, Power Systems, Grid Modernization and Advanced Transportation.

Powertech's competitive advantage is enhanced through close collaboration between all sectors. The company's staff consists of professional engineers, scientists, technologists and technicians from a wide range of disciplines. These highly skilled individuals have access to 21 well-equipped, specialized laboratories. Together, the resources allow us to offer a range of forward-looking technology services to help clients advance technology, solve complex problems, and maximize asset performance.

Finally, we are customer-focused: To ensure our customers have high confidence in our services, we attract the best resources, are highly responsive and constantly strive to improve the quality and value of our services.

## JOB DESCRIPTION

### Duties:

- \* Provides consulting and inspection services to a wide variety of clients regarding corrosion surveys and coating problems to determine clients' needs, preparing written contract specifications, explaining intent of specifications, problem solving, product substitution, job sequencing and operational or equipment design constraints affecting job quality.
- \* Undertakes testing and applied research using various tests and analysis on a variety of materials and equipment; develops modified and novel testing or analysis procedures for new or unusual materials and equipment or unusual problems.
- \* Develops and writes technical reports and specifications incorporating conclusions based on test and analysis results; develops and writes instructions for safe use and handling of equipment and materials for environmental and worker protection.
- \* Analyzes and tests a variety of materials for recommendation or rejection to Powertech clients.
- \* Troubleshoots, repairs and calibrates a wide variety of electronic/electrical test equipment, related mechanical components, micro-processor based equipment, digital/analog and chemical analyzers.

- \* Liaises with others within the industry to secure future work for Powertech; develops and delivers corrosion and protective coating training programs.
- \* Performs administrative support functions such as budget preparation, variance reviews, planning work flow, recommending and overseeing repair procedures and organizing work with other areas of Powertech.
- \* May be required to provide technical direction to employees in lower level technical positions.
- \* Performs duties of a minor nature related to the above duties that do not affect the rating of the job.

### Qualifications:

\*National Diploma of Technology from an Institute of Technology in the materials, chemical or related discipline; plus current coatings certificate such as NACE or SSPC; plus five (5) years of related coatings inspection or specification experience.

### ADDITIONAL INFORMATION

Addendum : Current coatings certificate from The Association for Materials Protection and Performance (AMPP), formerly NACE International or Society for Protective Coatings (SSPC) will also be accepted.

In addition, the successful applicant must have :

- \* In-depth knowledge of National Association of Corrosion Engineers (NACE) standards and Society for Protective Coatings (SSPC) standards including inspection techniques and methodologies. CIP Level 2 or 3 certification preferred.
- \* Excellent knowledge of Quality Assurance principles.
- \* Able to work collaboratively with engineers, construction management, and contractors, and provide expert guidance and solution to projects as required.
- \* Recent experience doing hands-on technical work in the utility, energy, oil and gas, manufacturing, or similar industries welcome. Background in cathodic protection considered an asset.
- \* Experience with coating tests for adhesion, dew point, dry film thickness (DFT), etc. and use of associated equipment.
- \* Travel for field work of approximately 50% may be required for this role. Will be required to travel overnight to job sites and stay up to three weeks away from home on out-of-town projects.
- \* Strong verbal and written communication skills are required, report writing is a requirement of the position.
- \* Must be able to work in confined space
- \* Must have a valid class 5 driver's license
- \* Must be able to perform all physical requirements of the role.

Location: Surrey B.C.

Job Status: Full-Time Regular

Affiliation: MoveUP

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

Powertech has a COVID-19 Vaccination Policy that requires employees to have a full series of COVID-19 vaccine and provide proof of vaccination on request. This Policy is currently suspended but may resume at Powertech's discretion. While the Policy is suspended, all new employees are required to disclose their vaccination status to Powertech..

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

Our vision is to be a trusted provider of knowledge and innovative solutions supporting the electric utility sector.

Our values are:

#### Safety

Safety tops everything. We do our work safely or we don't do it at all.

#### Excellence

Striving for excellence, acting with integrity, and having the highest standards in quality are core to what we do.

#### Our Customers

Customers fuel this company, and we constantly work with them to earn and retain their trust and loyalty. We expect that our customers hold us accountable to our commitments.

#### Diverse Teams

We are strongest when we work together and capitalize on our varied attributes – together we are more than the sum of our parts.

#### Challenges

We ready ourselves for the hardest challenges – through obtaining accreditations, developing (industry-leading) innovative products & services, investing in our labs and hiring great people and making them better.

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## HOW TO APPLY

ALL CANDIDATES ARE REQUIRED TO ATTACH A COPY OF THEIR COVER LETTER, RESUME, DIPLOMA/DEGREE, ACADEMIC TRANSCRIPTS & PROOF OF PROFESSIONAL

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DESIGNATION.

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.

Click on the Apply button in order to complete the steps to apply for this job.

**Date Posted:** 2022-10-06

**Closing Date:** 2022-10-30