



Corrosion Service was founded in 1950 by Thomas R.B. Watson as the first Canadian firm to specialize in cathodic protection. Our founding philosophy was based on the principles of providing great customer service and developing a deep understanding of customer needs, these same core principles still guide our company today.

Throughout our history we have always been privately owned by successive groups of employees that have risen through the organization. This ownership structure gives us a unique perspective on business and ensures that our stakeholders (customers, employees and partners), rather than shareholders, always come first. This is vital for a company such as ours, given that we exist primarily to protect the environment, our citizens and the prosperity of the communities in which we live.

### **Position: System Specialist – Cathodic Protection**

#### **GENERAL FUNCTION:**

The successful candidate will support the Engineering Services department. The Systems Specialist for CP Design will be responsible for the design and delivery of assigned Cathodic Protection solutions in the form of detailed reports, drawings, BOM's, and other materials, while meeting time/cost/quality/scope constraints. This position is located in the Markham office.

#### **RESPONSIBILITIES:**

- Consolidate, organize data and analyze data provided by clients including, but not limited to: geotechnical reports, construction drawings, alignment sheets, station diagrams, survey data, etc..
- Utilizing basic engineering principles and corrosion theory to provide design, installation, commissioning and maintenance documentation of cathodic protection systems in the forms of reports, drawings, and the like.
- Generate detailed technical compliance reports, detailed design drawings and QA forms to demonstrate the requirements of the designs for clients.
- Design electrochemical Corrosion Protection systems utilizing engineering principles, corrosion theory, applicable NACE and industry standards.
- Coordinate and complete the engineering project tasks according to scope and schedule.
- Work closely with the project managers to meet or exceed our customers' expectations.
- Coordinate design reviews and creation of QA/QC documentation for projects.
- Generate detailed technical compliance reports, detailed design drawings and other required materials based upon client technical specifications, NACE standards and company established guidelines.
- Assist other team members on projects and on tasks as necessary.
- Provide customer support and foster customer relationships
- Working with customers on site may be required.

#### **QUALIFICATIONS:**

- University graduates from an accredited engineering program (Corrosion specialty, Electrical or Chemical discipline preferred). Professional Engineer or eligibility to obtain P.Eng license in multiple provinces is an advantage.
- College graduates with an Electrical/Electronic Engineering Technology diploma with at least four years of experience from graduation. Certified Engineering Technologist or eligibility to obtain CET is an advantage.



- Preference given to individuals with previous relevant experience, NACE CP2 or higher certification and exposure to applicable codes (CSA, IEEE, etc.)
- Strong analytical, problem solving, and computer skills are required
- Experience with ERP systems, preferably Pronto, would be considered an asset.
- Candidates must have strong technical writing skills
- Exposure with AutoCAD and BOMs
- Exposure working with Project Managers in a matrix organization would be beneficial.
- Overtime may be required to meet customer expectations
- Field visits are a possibility, but would account for less than 5% of working time

We are an organization where you can apply your skills to some of the world's most challenging, and interesting projects nationwide. It is a place that values the diversity of our areas of practice and our people. It's what makes Corrosion Service a great place to work and grow. Corrosion Service is an Equal Opportunity Employer. If you would like to work in a stimulating environment with the prospect of developing your potential, we invite you to explore the possibility of joining our team.

In accordance with the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act (AODA) please advise the Human Resources Department to ensure your accessibility needs are accommodated throughout this process.

Note: All employment is conditional upon the completing and obtaining a satisfactory background check, including employment, references and criminal records (for which a pardon has not been granted) checks.

Please note that only individual selected for an interview will be contacted.