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 fellow citizens and the prosperity of the communities in which we live. The position is based in Markham, Ontario.

Position Title: *System Specialist – AC Mitigation*

General Function:

The Systems Specialist for AC Systems will be responsible for the design and delivery of assigned AC Mitigation solutions in the form of detailed reports, drawings, BOM's, and other materials, while meeting time/cost/quality/scope constraints.

Responsibilities:

- Utilize basic engineering principles and corrosion theory to model, simulate and design High Voltage AC transmission line interference mitigation systems for pipeline integrity, corrosion prevention and personnel safety.
- Generate detailed technical compliance reports, detailed design drawings, and models of induced and resistive electromagnetic interference on pipelines using computer software.
- Coordinate and complete the engineering project tasks according to scope and schedule.
- Review and analysis of site data collected by field personnel.
- Depending upon experience, train and oversee the development of other junior project team members.
- Work closely with the project managers to meet or exceed our customers' expectations.
- Coordinate design reviews and creation of QA/QC documentation for projects.
- 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 (Electrical 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
- Familiarity, or previous use of, software for modeling AC systems, specifically CDEGS by SESTech software would be a strong benefit.
- 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 and some travel may be required to meet customer expectations

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.

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 individuals selected for an interview will be contacted.