EXTERNAL CORROSION DIRECT ASSESSMENT (ECDA)

We offer a full range of ECDA services and are able to provide an accurate estimation of the extent of coating defects and corrosion activity.

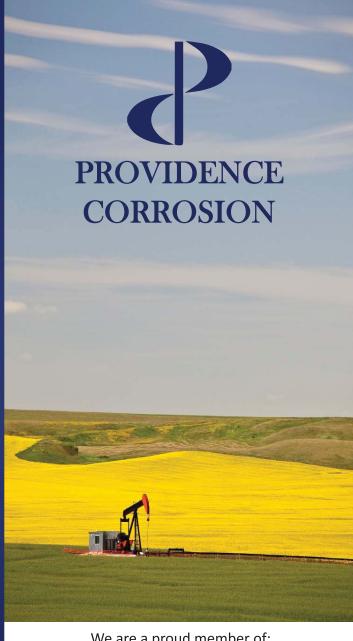Our team is experienced in the following indirect inspection techniques:

- Close Interval Pipe-to-Soil Potential Surveys (CIS)
- DC Voltage Gradient (DCVG) Surveys
- AC Voltage Gradient (ACVG) Surveys
- Pipeline Current Mapper (PCM)
- Sub-Meter GPS Locating
- Depth-of-Cover
- Water Body Crossings
- Above Ground Inspections
- Continuous Soil Resistivity Surveys (Electromagnetic Ground Conductivity)

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www.providencecorrosion.ca

PROVIDENCE CORROSION

We are a proud member of:

PROVIDENCE CORROSION

INNOVATING TO PROTECT YOUR ASSETS

Providence Corrosion is a corrosion engineering firm based in Alberta dedicated to providing corrosion consulting services for the oil and gas industry in Western Canada.

We are committed to deliver safe, innovative, quality and cost effective solutions to our customers to ensure the integrity of their infrastructure.

Overview

Providence Corrosion provides corrosion prevention programs through:

- Design services
- Audits
- Budget preparation
- System performance evaluation
- Annual maintenance programs
- Specialized testing
- Installations
- Inspections
- Commissioning surveys

Our work is custom-designed to the specific needs of our clients by NACE accredited corrosion professionals to provide maximum long-term protection and compliance with Canadian regulations.

Our Services

- ✓ Cathodic Protection Regulatory Surveys, Specialized Testing, Design, Installation, Materials Supply, Engineering Assessments, Audits

- ✓ GIS Mapping

- ✓ Rectifier Inspections, Repairs, Remote Monitoring (lease options available)

- ✓ AC Mitigation Studies

- ✓ Indirect-Inspections

- ✓ Coating Evaluations, Specifications, Inspections

- ✓ Fitness-for-Service, API Inspections

- ✓ Education and Training