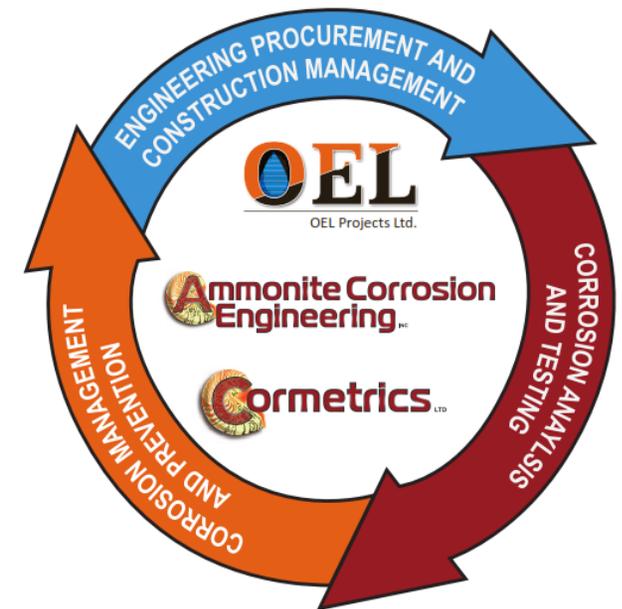


 **Ammonite Corrosion
Engineering** INC

Ammonite Corrosion Engineering represents over 60 years of corrosion engineering experience in the oil and gas industry, with diverse experience in upstream, downstream, onshore and offshore facilities.

Our associate company, Cormetrics Ltd. provides laboratory testing with consulting services to petroleum producing and transmission companies, OEL Projects Limited is our parent company, providing Engineering Design, Procurement & Project Management to the Oil & Gas industry.

Together we provide expertise for our clients throughout the Full Life Cycle of a project.



Ammonite's vision is to save our Client's money by preventing aggressive corrosion, early component failures and unscheduled facility shutdowns.

Ammonite prides itself on engineering excellence and strong communication skills with our Clients. We currently have close working relationships with a major Upgrader, several SAGD operators, and an LNG operator. Ammonite's staff have had extensive EPC experience which provides for efficient project management and engineering of key tasks and milestones.



Mr. Shankar Nandiwada, CGA, CMA, CA (UK)
Chief Executive Officer

Mr. Nandiwada is a Professional Accountant and earned designations from Certified General Accountants' of Alberta, Chartered Management Accountant from Chartered Institute of Management Accountants England and Chartered Accountant from Institute of Chartered Accountants of India. Prior to joining Ammonite Mr. Nandiwada served as the Chief Financial Officer and Corporate Secretary of Ceiba Energy Services Inc. He has over 20 years of experience internationally with public and private companies in Canada, United States of America, England, Middle East and India.

By virtue of his diverse experience in oil & gas, manufacturing and service sectors, Mr. Nandiwada brings expertise in growth initiatives and strategic business planning along with a proven track record of business growth and turnaround. Mr. Nandiwada also has extensive experience in mergers and acquisitions, financing and building and growing professionally managed companies.



Mr. Brian Kielly, P.ENG.
President

Mr. Brian Kielly is the President of Ammonite Corrosion Engineering as well as the Vice President of Engineering for OEL Projects Ltd. Mr. Kielly is a graduate of Memorial University of Newfoundland, with a B.Sc. Degree in Mechanical Engineering. He joined OEL Projects as a Project Engineer in September of 1997. In September 2000, Brian accepted a Facilities Engineer position with Central Alberta Midstream providing engineering support for three (3) gas processing facilities and pipeline infrastructure in the Whitecourt-Fox Creek area of Alberta. In April of 2004, Brian returned to O'Rourke to lead a group of engineering and support personnel.

Through OEL, Brian has worked on the detailed design, construction management and start-up supervision of several sweet and sour gas processing facilities and pipeline systems, including sour and sweet oil and gas batteries, gas plants, compressor stations, pipeline facilities as well as coordinating the regulatory and environmental aspects of these projects.



Mr. Paul Cripps, P.ENG
Manager, Materials Corrosion Engineering

Mr. Cripps holds a Bachelor of Applied Science, Metallurgical Engineering from the University of British Columbia. He has over 38 years of experience in materials selection, corrosion control and welding engineering in the petroleum field. Paul's vast project experience includes gas production and refining plants, mid-stream facilities, pipelines and sour oil and gas gathering systems, sour service metallurgy and corrosion control, stainless steel and nickel alloy corrosion and titanium for seawater and oil and gas fluids. He also has extensive experience in pipeline design, materials and corrosion control.

With his strong leadership skills and extensive supervisory and management experience he is currently managing a group of corrosion engineering specialists.

Shankar Nandiwada
Chief Executive Officer

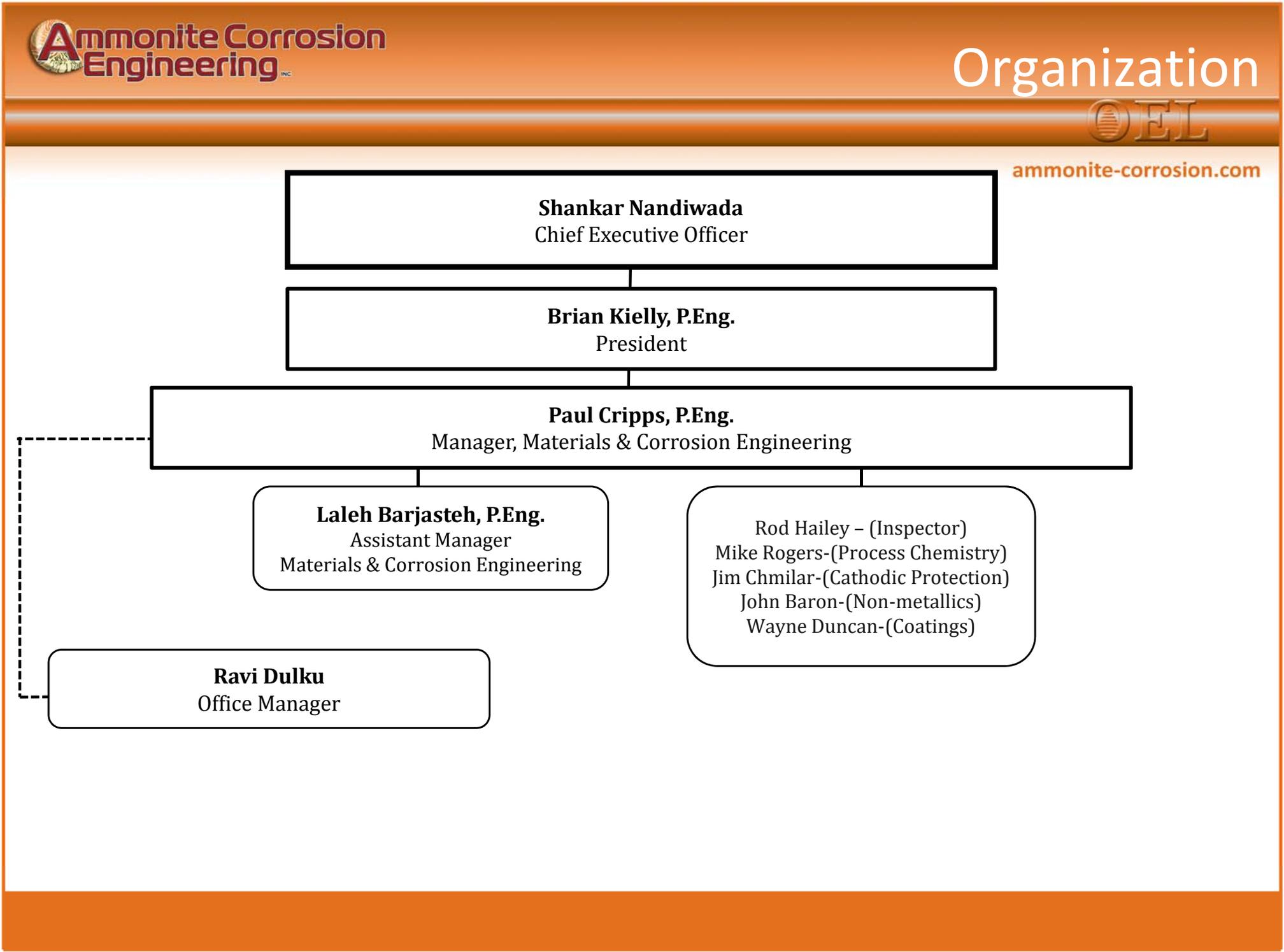
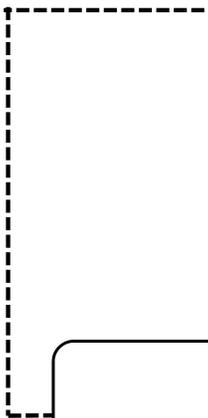
Brian Kielly, P.Eng.
President

Paul Cripps, P.Eng.
Manager, Materials & Corrosion Engineering

Laleh Barjasteh, P.Eng.
Assistant Manager
Materials & Corrosion Engineering

Rod Hailey - (Inspector)
Mike Rogers-(Process Chemistry)
Jim Chmilar-(Cathodic Protection)
John Baron-(Non-metallics)
Wayne Duncan-(Coatings)

Ravi Dulku
Office Manager



Corrosion Consulting

Corrosion Manuals:
Refineries, Upgraders,
SAGD Facilities &
Pipelines

Risk Based Inspection
Programs and Support

Integrity Operating
Windows (API 584):
Set-up and Operations

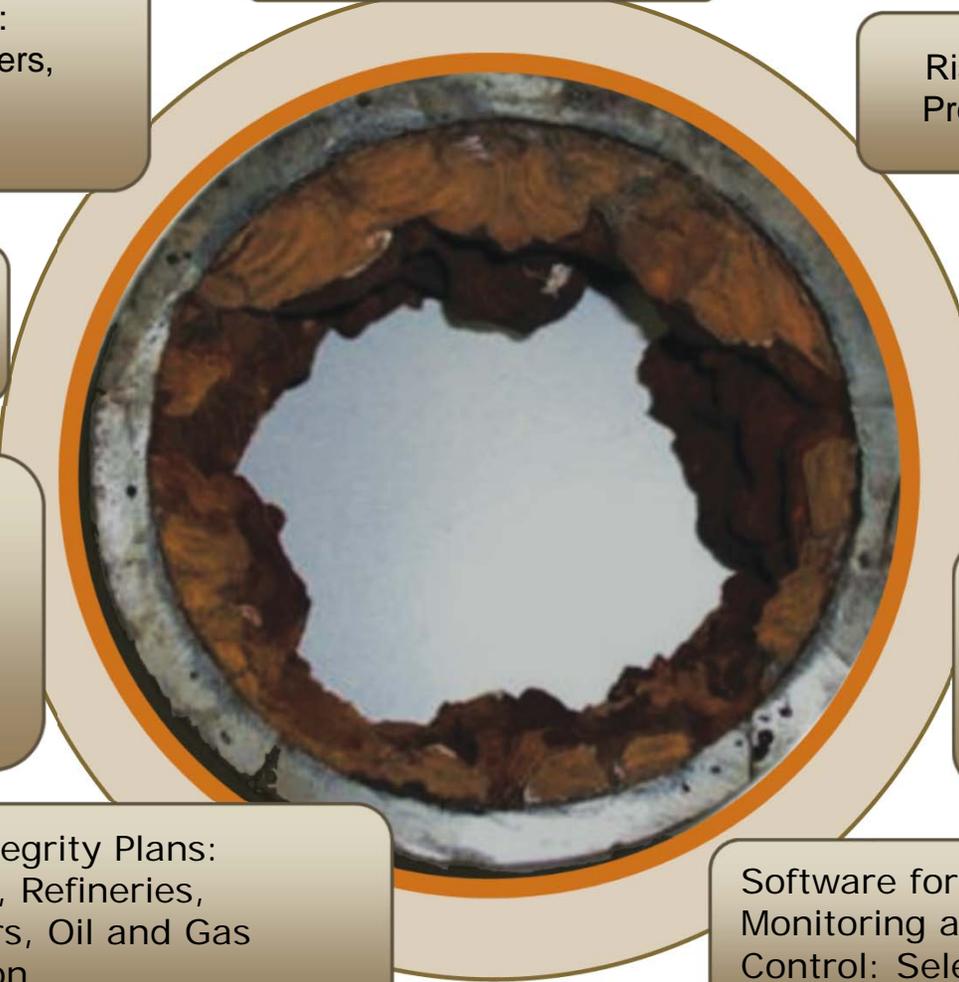
Corometrics: Failure Analysis,
Corrosion Inhibitor Testing,
Coupon Analysis, Corrosion
Testing

Project EPC/EPCM Support:
Materials Selection, Corrosion
Control/Rates, Welding
Reviews & Specifications,
Critical Vessel Specifications,
NDE, Materials & Corrosion
Testing

Coating Selection,
Corrosion Inhibitor Selection,
Corrosion monitoring: method
selection, design of systems,
operations and control

Asset Integrity Plans:
Pipelines, Refineries,
Upgraders, Oil and Gas
Production

Software for Integrity
Monitoring and Corrosion
Control: Selection and Use



- ◆ Provided materials selection and corrosion engineering support to a greenfield Upgrading facility. Prepared Equipment Integrity manuals and implementation of an equipment integrity inspection database for their Operations. Provided support to their corrosion monitoring and process chemical programs.
- ◆ Updated a major refinery's corrosion monitoring and inspection plans and integrated these plans into their corrosion control manuals.
- ◆ Provided support to corrosion studies and RBI implementation for a major oil and gas company's facilities across Canada.
- ◆ Completed a survey of current research initiatives and projects that are being carried out by industry, universities, and others regarding the use of water in the oilsands industry.
- ◆ Supported ongoing integrity management operations for Canada's east coast offshore facilities including two FPSOs, fixed leg platforms and a gravity based structure. Led RBI equipment and piping reassessments for some of these facilities.
- ◆ Provided downhole corrosion engineering support for major SAGD projects.
- ◆ Conducted quality management system audits to prepare clients for ISO 9001 : 2008.
- ◆ Qualified sour, low temperature service portable well testing equipment to company and industry standards

- ◆ Integrity Operating Windows support and assessments are provided to 5 Clients on an on-going basis.
- ◆ Internal Corrosion Direct Assessment (ICDA) services for major pipeline operators.
- ◆ Create and review integrity management programs and program manuals for upstream, midstream and downstream pipeline systems.
- ◆ Create and review pipeline operation and maintenance programs and manuals, and assisted in scheduling maintenance activities on pipeline systems.
- ◆ Provide Integrity assessment of storage tank terminals and their associated pipelines.
- ◆ Provide sour service assessment of oil and gas facilities to ensure compliance with NACE MR0175/ISO15156
- ◆ Write and approve welding specifications for major oil and gas facilities.



Ammonite Corrosion Engineering has participated in the materials selection, coatings selection, standard/specification review, chemical treatment program selection, and corrosion monitoring requirements for a number of clients during early design, detailed engineering, and construction stages of oil and gas facilities and pipelines.

We have also implemented integrity management programs for a number of clients. This includes facilitating the RBI assessments, setting up and integrating the information into an inspection database, and maintaining the quality of data.