

CORROSION CONTROL ENGINEERING

Capability Statement



*SPECIALISTS IN THE DESIGN, SUPPLY,
INSTALLATION & MAINTENANCE OF
CATHODIC PROTECTION SYSTEMS
FOR BURIED OR IMMERSED
METALLIC STRUCTURES*

CCE CORROSION
CONTROL
ENGINEERING

Our Experience Delivers Solutions



WHAT DO WE DO?

CCE ARE SPECIALISTS IN THE USE OF CATHODIC PROTECTION AND MATERIAL SELECTION TO PROTECT BURIED OR IMMERSSED METALLIC STRUCTURES FROM CORROSION.

We provide corrosion mitigation solutions, services, materials and equipment for these critical assets and more...

- Oil, gas, water and other metallic pipelines
- Steel reinforced concrete
- Mining infrastructure
- Offshore vessels
- Storage tanks / Reservoirs
- Bridges
- Tunnels
- Wharves
- Jetties
- Ports
- Marine
- Shipping
- Service Stations



Experience at work for you

PREMIER CORROSION PREVENTION SERVICES FROM AUSTRALASIA'S MOST EXPERIENCED CATHODIC PROTECTION & CORROSION ENGINEERING SPECIALIST.

Corrosion Control Engineering (CCE) is Australasia's largest and most experienced corrosion engineering company specialising in all aspects of Cathodic Protection and related fields.

CCE commenced operation in Sydney in 2001. Additional offices were subsequently opened in Melbourne, Brisbane, Townsville, Perth, Auckland and New Plymouth, New Zealand.

The offices are managed by Principal Engineers, each of whom have in excess of 30 years' experience in the corrosion prevention industry.

At CCE, we take great pride in completing our projects safely, on time and on budget.

Flexible solutions for your business needs

CCE PROVIDE A CUSTOMISED, TOTAL END-TO-END CORROSION MITIGATION SERVICE

Our engineers work closely with our customers to provide cost effective, custom-made solutions to industrial corrosion problems. We can supply a wide range of services and products, but our real strength lies in providing our clients with a complete turnkey service that includes Cathodic Protection design, supply of materials, installation, commissioning and ongoing maintenance.



COST EFFECTIVE ENGINEERING SOLUTIONS TO PROTECT YOUR CRITICAL INFRASTRUCTURE FROM CORROSION FOR MANY YEARS TO COME....



Our Experience Delivers Solutions



ENGINEERING SERVICES

Cathodic Protection (CP) design, installation, commissioning and maintenance for a variety of onshore, offshore and civil (concrete) based impressed current and sacrificial anode systems.

FIELD SERVICES

Corrosion Control Engineering deploy highly experienced, qualified engineers and technicians to perform various field testing activities and onsite surveys for routine maintenance and other special projects.

PRODUCTS, MATERIALS AND TECHNICAL EQUIPMENT

Corrosion Control Engineering stocks and supplies a full range of corrosion control, cathodic protection and pipeline related products, materials and technical equipment.



A WIDE RANGE OF SERVICES

Experience and services within the company and its associates cover a broad range of corrosion and related areas. These include:

- Cathodic Protection (CP) design, materials selection & supply, installation, commissioning and auditing for a variety of onshore, offshore and civil (reinforced concrete) CP systems.
- Offshore CP pipeline and structure surveys, retrofit design & installation.
- Independent review / audit of 3rd party CP designs.
- Pipeline CP & coating surveys (including DCVG and CIPS).
- Client representation for offshore pipeline surveys.
- Low Frequency Induction / AC Mitigation surveys and investigations.
- Earthing system investigations.
- Stray current testing / investigation.
- Plant corrosion audits / assessments.
- Pipeline pigging—cleaning, gauging and ILI.
- Pipeline Surveillance & Patrols
- Project management of pipeline pigging, inspection and integrity management contracts.
- Consultancy for pipeline pigging work including feasibility studies, procedures, contractor management and client representation.

IN A WIDE RANGE OF INDUSTRIAL APPLICATIONS

We apply our corrosion mitigation expertise to many industries including:

- Oil, Gas, Water & other Metallic Pipelines
- Above and below ground Gas, Fuel and Water Storage Tanks
- Ports, Wharves, Jetties, Marine & Vessels
- Steel Reinforced Concrete, Bridges & Tunnels
- Mining Infrastructure



Our Experience Delivers Solutions

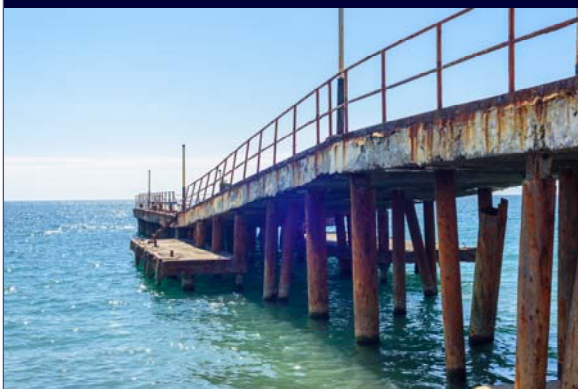


JASON PATERSON - Group Business Development Manager

Jason is a NACE certified Cathodic Protection Technician with over 25 years of worldwide experience in the rehabilitation and protection of oil, gas, water, sewer pipelines and other critical infrastructure assets. Jason is a NACE International and Australasian Corrosion Association (ACA) member who has been directly involved with pipeline integrity and rehabilitation projects throughout Australia, North America, Europe, Asia and the Middle East.



“AT CCE WE USE OUR KNOWLEDGE AND EXPERIENCE TO PROVIDE ASSET OWNERS WITH SOLUTIONS TO PROTECT PEOPLE, INFRASTRUCTURE AND THE ENVIRONMENT FROM THE DESTRUCTIVE EFFECTS OF CORROSION “



MEET SOME OF OUR KEY TEAM MEMBERS: AUSTRALIA & NEW ZEALAND’S MOST EXPERIENCED CATHODIC PROTECTION AND CORROSION PREVENTION EXPERTS....

JOHN KALIS - Group CEO/CFO

John is a Principal Engineer with a degree in chemical engineering and is also an ACA accredited Corrosion Technologist with over 40 years of experience in cathodic protection and corrosion engineering.



John's role is CEO/CFO for the CCE Group and has been employed by the company since 2003. During this time he has guided the company from a three-person operation to a position where CCE is now the largest specialist corrosion mitigation company in Australia. John is based in the Sydney office and his previous employment roles were Managing Director of Corrpro Australia and Wilson Walton International.

John also provides technical assistance, in a principal engineering capacity, to CCE’s regional operations.

John also uses his wealth of experience in the corrosion industry to provide technical assistance at a Principal Engineering level to the NSW operation.

PETER KALIS - Regional Director NSW/ACT

Peter is a Metallurgical Engineer with over 20 years of cathodic protection and corrosion engineering experience. He has been involved in, and has managed, all aspects of corrosion science and cathodic protection works including: estimating, design, project management, installation, commissioning, routine testing, reporting, materials selection and failure investigations.



Peter is a member of the Australasian Corrosion Association (ACA) and NACE International. His cathodic protection expertise includes wharves, bridges, shipping, pipelines, water tanks, industrial plants and concrete steel reinforced structures.

Peter is an ACA accredited Corrosion Technician and has been a Director of CCE (NSW) since 2001. Previously, Peter worked with Wilson Walton International and Corrpro Companies from 1995-2001.





JIM GALANOS - Engineering Manager NSW/ACT

Jim holds a Bachelor of Engineering, Manufacturing Management and has over 20 years of cathodic protection experience. Jim has been involved with all aspects of cathodic protection including design, project management, installation, commissioning, routine testing/troubleshooting and reporting.



Areas of CP expertise include wharves, bridges, shipping, pipelines, tanks, industrial plants and concrete steel reinforcement. This also includes evaluating and mitigating stray current effects from DC sources.

Jim is an Australasian Corrosion Association (ACA) accredited Corrosion Technologist and has been an active member of the ACA since 1998 and has served as NSW Branch President and Secretary. He is an accredited ACA Lecturer in cathodic protection and is an active NSW Branch Committee Member and Councilor.



JOHN GRAPIQLIA - Regional Director WA

John is a Principal Engineer with over 30 years of experience in a variety of corrosion control and cathodic protection projects including onshore and offshore pipelines and structures. Work locations include Australia, Hong Kong, Malaysia, Brunei, Indonesia, UK and Pakistan.



John is the Principal Engineer and Director for Corrosion Control Engineering's regional office in Perth, Western Australia. He is an active member and a past President and Chairman of the Australasian Corrosion Association (ACA) and is also a current cathodic protection lecturer for the ACA.

GRAHAME STRONG - Engineering Manager WA

Dr. Grahame Strong has 27 years of corrosion industry experience, mainly in corrosion engineering within the petroleum industry. During this time Grahame has applied his expertise and interests in all things related to science, engineering and mathematical modelling to address problems related to corrosion, corrosion control, and asset integrity management.



As a qualified chemist specialising in electrochemistry this interest has extended to the management of selecting chemicals for use in upstream gas processing facilities.



DIMITRI ROSS - Engineering Manager VIC/SA/TAS



Dimitri is a Material Scientist and a NACE level 2 certified coating inspector with over 8 years experience in the corrosion control industry. During this time, Dimitri has gained excellent knowledge in all areas of cathodic protection. Dimitri also has expertise in coating inspection, testing, specification, material selection and applicator training.

As Engineering Manager for CCE's VIC/SA/TAS operations, Dimitri primarily specialises in the application and monitoring of cathodic protection systems for pipelines, storage tanks, wharves and jetties.

Dimitri is a NACE and ACA member who has presented papers and chaired technical events at industry conferences. He has been involved in the ACA's Young Corrosion Group and was a part of the first ACA Future Leaders Forum.

WE DON'T HAVE TO LOOK TOO FAR TO FIND SIGNS OF DETERIORATING METAL OR CONCRETE, SHOWING THE DESTRUCTIVE EFFECTS OF CORROSION ON OUR AGEING INFRASTRUCTURE.....

AT CCE WE WORK CLOSELY WITH OUR CUSTOMERS TO OFFER PRO-ACTIVE, COST-EFFECTIVE ENGINEERING SOLUTIONS TO MANAGE AND PREVENT CORROSION PROBLEMS.



WITH OVER 70 STAFF IN SEVEN OFFICE LOCATIONS AROUND AUSTRALIA AND NEW ZEALAND, CCE HAS THE RESOURCES AND EXPERIENCE YOU CAN RELY ON.

DARYL McCORMICK - Regional Director VIC/SA/TAS

Daryl is a Principal Engineer with a degree in mechanical engineering and has over 37 years of experience in corrosion engineering and the application of cathodic protection to critical infrastructure. Experience includes corrosion mitigation design and remediation solutions for pipelines, storage tanks, electric transmission, power plants, offshore platforms, wharves and jetties.



Daryl opened the CCE Melbourne office in 2003. He is a Member of the Institution of Engineers Australia, a 27-year member of NACE International and 34-year member of the Australasian Corrosion Association (ACA). Daryl is a NACE Certified Senior Technologist and an ACA Certified Technologist.

JIM STEELE - Regional Director QLD/NT/PNG

Jim is a Principal Engineer with a degree in chemical engineering and has over 40 years of experience in corrosion engineering and cathodic protection, having undertaken works in multiple industries.



He has applied his experience to shipping, marine structures, pipelines, oilfields, tank farms and other industrial plants including concrete structures.

Jim manages all facets of corrosion engineering including design, installation and commissioning. He also has specialist knowledge of Microbial Induced Corrosion (MIC), earthing, lightning protection and AC interference effects.



GRANT CHAMBERLAIN - Regional Manager, Auckland, New Zealand



Grant has worked in the corrosion prevention industry for 30 years, initially focusing on coatings, and has been a coatings inspector for 25 years. In the last 15 years cathodic protection has taken a more dominate role. Having experience in both coatings and cathodic protection gives Grant the ability to provide clients with a holistic approach to Corrosion Prevention.

Grant has been involved with numerous large petrochemical projects in New Zealand both on and off shore. Having inspected the coatings, insulation, fireproofing and cathodic protection during both construction and maintenance phase, Grant has had an insight into the numerous factors that have resulted in corrosion problems.

Grant has a passion for pipeline asset integrity and is an active member of the ACA Auckland branch.

GRAHAM MACKINNON - Manager, New Plymouth, NZ

Graham is a Metallurgical Engineer who has 40 years of experience in materials and corrosion engineering including design, installation and monitoring of cathodic protection systems for buried pipelines, tanks, mounded pressure vessels and marine structures.



Graham has extensive experience in cathodic protection system fault location and diagnostic testing of oil and gas pipelines. Previous experience includes inspection engineering at refineries of major oil companies in New Zealand, Africa, Australia and the Middle East.

Graham is a NACE International and Australasian Corrosion Association (ACA) member and a member of the New Zealand Institute of Gas Engineers.

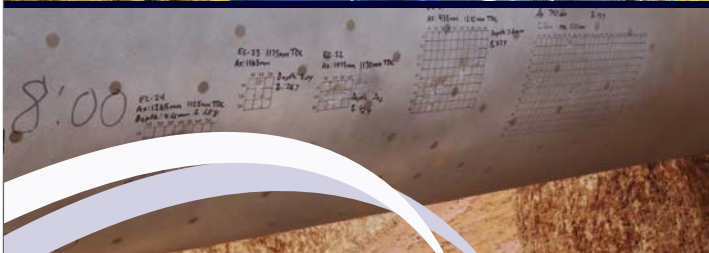


PRODUCTS, MATERIALS & EQUIPMENT SALES

As part of our total corrosion control service offering, CCE supplies a wide range of CP and pipeline related products, materials and technical equipment including:

- Anodes, Backfill, Test Points, Cabling etc.
- FIK's, MIJ's, Barrell Unions, Surge Diverters etc.
- Reference Electrodes, Corrosion Probes & Inhibitors etc.
- Pipeline pigging equipment, pipeline spacers etc.
- DCVG/CIPS Equipment, Pipeline Locators & Cameras
- Transformer Rectifier (TR) Units
- CP Remote Monitoring
- Corrosion & CP Remote Monitoring

For more information on our products, materials and equipment sales, visit our website www.cceng.com.au or email: contact@cceng.com.au



Our Experience Delivers Solutions

www.cceng.com.au

www.cceng.co.nz

CORROSION CONSULTING & ENGINEERING.
CATHODIC PROTECTION PRODUCTS & MATERIALS.

With seven offices located around Australia and New Zealand, CCE are well placed to assist you with your corrosion prevention and cathodic protection needs.

For more information visit our website or contact your nearest office below.

AFFILIATIONS

CCE are proud to be Platinum members of The Australasian Corrosion Association (ACA) and Corporate members of the Australian Pipelines & Gas Association (APGA).



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