

# COMPANY PROFILE



2012



## CONTENTS

Item	Description	Page No
1.0	Introduction	3
2.0	Company Structure	4
3.0	Company Capabilities	5-7
4.0	CP Products	8
5.0	Health, Safety and the Environment	9-11
6.0	QA Certification	12
6.1	Queens Award	13
7.0	Professional Membership	14
8.0	Key Personnel	15-16
9.0	Insurance	17
10.0	Projects List/Experience	18-22
11.0	Middle East Office	23
12.0	Current Projects	24
12.1	Clients of CPCL	24



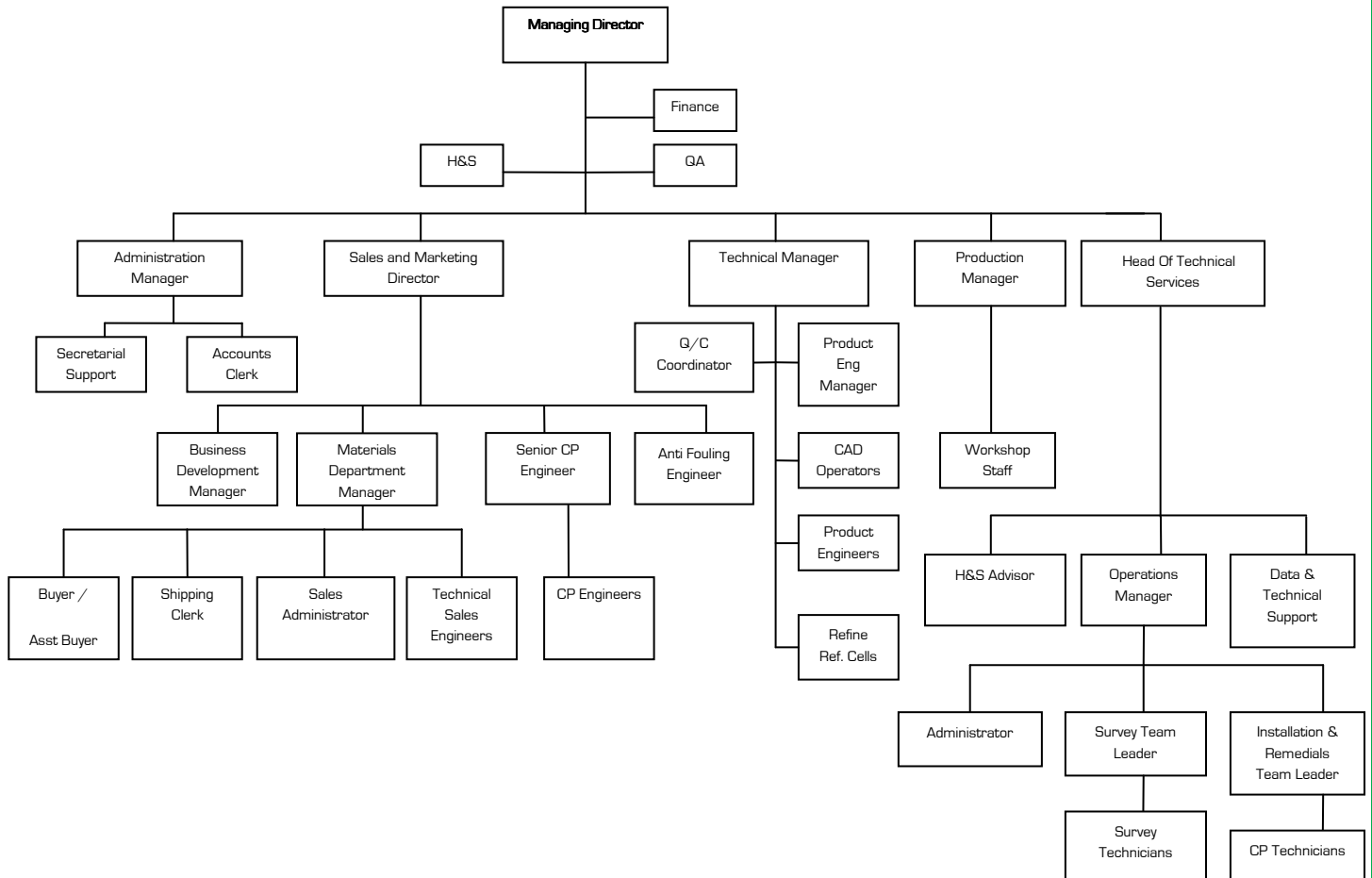
## 1.0 Introduction

**Cathodic Protection Co Limited**, founded in 1950 was one of the first companies in the United Kingdom set up specifically to provide equipment and engineering services for the cathodic protection of pipelines, storage tanks, well casings, and marine structures for the oil, gas, petrochemical, water and power industries.

- In 1989 became part of the **Hostombe Group of Companies**
- As part of Hostombe Group, CPC Ltd have sufficient capital resources to undertake projects of the largest size and complexity.
- ISO 9002 registered company in 1997
- ISO 9001 : 2000 credited in 2003
- Established Middle East office in 2000 to service GCC Market
- OHSAS18001:1999 credited 2006
- Acquired Cath-Tech International Ltd in 2008
- Launched REFINE™ Range of Reference Electrodes in 2011



## 2.0 Company Structure



### 3.0 Company Capabilities

#### EXPERIENCE:

Cathodic Protection Co Limited has been providing successful cathodic protection solutions to the Oil, Gas, Petrochemical, Water and Power Industries for over 50 years. Specific applications include:

- Pipelines – oil, gas, product, water etc.
- Above ground storage tanks
- Underground storage tanks
- Well casings
- Sheet and cylindrical piling – land and marine
- In plant pipe work
- Compressor stations
- Concrete structures –Bridges, Pipelines, Marine Structures etc
- Ships (hull and sea chest/internal pipe work)
- Marine structures – jetties, wharves etc.
- Cooling water pipe work for Power Stations



For 30 years our Cuprion™ Anti Fouling system has been protecting pumps, internal pipe work and process plant from the problems of marine growth and corrosion. Cuprion™ systems are low maintenance, chemical free and reliable, and can be found today in service on:

- Oil rigs
- Jetties
- FPSO's
- Water Injection Systems
- Ships
- Subsea Coolers and Heat Exchangers
- Desalination Plants
- Chemical Process Plants



## SERVICES :

**Cathodic Protection Co Limited** offers a full range of services to meet client requirements, from initial advice and support to full turnkey systems. We can provide:

- Feasibility and economic studies
- Site Investigations
- Planning and project designs
- Project management
- Cost estimates, specifications and Bills of Materials
- Materials manufacture & supply
- Installation supervision, commissioning, maintenance and monitoring
- Consultancy and specialist advice
- General engineering and fabrication
- Training courses in the UK or overseas

## OUR CAPABILITIES :

### Cathodic Protection Design

Our experienced engineers can provide a full design service for your CP application. By reference to client supplied and recognised international standards, our NACE / ICORR qualified engineers will develop cost effective solutions to ensure that your requirements are met in full.

### Project Management

Our Cathodic Protection Department can provide a full project management service covering site investigations, design, materials supply, installation, commissioning and system handover.

### Procurement

Either manufactured in our own works or procured from a wide range of international suppliers, Cathodic Protection Co Limited can supply the full range of cathodic protection materials. Whether you need a single anode or a have a full Bill of Materials to source, we can provide a cost effective answer.





## Engineering Services

Site services are provided for the supervision of installation works, commissioning and maintenance of both sacrificial and impressed current cathodic protection systems on a world wide basis. Site surveys carried out for soil resistivity, current drain, groundbed location, CIPS, DCVG, AC corrosion monitoring, mitigation and routine monitoring.

## Anti-Fouling Systems

Our Anti Fouling Department is responsible for the design, manufacture, supply, installation and commissioning of **'Cuprion™'** automatic anti-fouling systems. Using client requirements such as water flow rate, duty cycle, pump maintenance interval and intake geometry, each **'Cuprion™'** system is custom designed to provide full anti fouling protection between scheduled pump overhauls.

## Consultation

Our engineers are available for discussion and advice on all aspects of cathodic protection and corrosion control activities. These services are supported by design and engineering capabilities to carry proposals through to fruition.

## Training

Our Corrosion Engineers are also available to train client's personnel on cathodic protection and corrosion topics in the United Kingdom or Overseas.

## 4.0 CP Products



Cathodic Protection Co Limited offer the following CP products :

- TRUst™ Transformer Rectifier Units (Manual, Automatic – Oil/Air Cooled)
- Mixed Metal Oxide Anodes, tubular, rod, wire
- Elgard ribbon and expanded mesh MMO anodes for concrete CP applications (Authorised distributor [www.eltechsystems.com](http://www.eltechsystems.com) )
- Accessories for concrete CP installations (spacers, tie wraps, reference electrodes, positive/negative connections)
- Silicon Iron Anodes (bare & canistered)
- Magnesium Anodes, Zinc & Aluminium Anodes
- Carbonaceous backfill
- Anode, cathode, bond boxes
- Explosion proof equipment
- Polarization Cells
- Cable & cable accessories
- Pipeline flange insulation kits& Isolating Joints
- CP Data Management & Remote Monitoring, AMERICAN INNOVATIONS Distributor [www.aimonitoring.com](http://www.aimonitoring.com)
- Test Equipment, CIPS & DCVG Equipment
- REFINE™ Reference Electrodes (portable & permanent)





## 5.0 Health, Safety and the Environment

### HEALTH & SAFETY POLICY STATEMENT

*This Policy Statement is issued in accordance with Health & Safety at Work etc. Act 1974, Section 2 (3).*

It is the policy of **Cathodic Protection Co Limited** to:

- Promote the occupational health and safety of all its employees.
- Comply with the requirements of the Health & Safety at Work Act 1974, The Management of Health & Safety at Work Regulations 1999 and the relevant safety legislation.

#### *Policy Objectives*

In pursuance of this policy the Company acknowledges its responsibility, so far as is reasonably practical, to minimise:-

- a) The risk to health and safety of the Company employees, to hazards to which they are exposed whilst they are at work; and
  - b) The risks to the health and safety of persons not in the employment of the Company arising out of or in conjunction with the conduct by those persons or their undertaking.
- Provide and maintain safe and healthy working conditions taking into account any statutory requirements.
  - Ensure the design, manufacture and instructions to users of Company equipment and products result in safe operation and handling.
  - Provide such information, instruction and training as is necessary to enable employees at all levels to perform their work safely.
  - Maintain constant and continuing interest in health and safety matters applicable to the Company's activities, in particular by consulting and involving employees of their representatives wherever possible.
  - Make available and supervise the use of all necessary safety devices and protective equipment.

This Policy is to be reviewed annually.



## HEALTH & SAFETY PROCEDURES

As part of our OHSAS18001:1999 accreditation **Cathodic Protection Co Ltd** operate Health & Safety Management Procedures (HSMP's) which are a fundamental part of the Company's Integrated Management System and are used in conjunction with:

- The requirements of relevant Health & Safety legislation
- Integrated Management System Procedures
- Suppliers Instructions and Data Sheets
- Manufacturers Manuals etc.
- Clients Health and Safety Policies, Procedures, Method Statements etc.



They are set to ensure the Company's compliance with current Health & Safety legislation and subordinate regulation and codes of practice. They provide safe systems of work for Cathodic Protection Co Ltd employees. The Health & Safety Management Procedures are supported by appropriate training, instruction and information, including signage, to minimise workplace risk as far as is reasonably practicable. All employees are encouraged to contribute in developing these procedures in order to improve the health and safety of themselves, fellow employees, visitors and contractors.



## ENVIRONMENTAL

**Cathodic Protection Co Limited** recognises the importance of Environmental Protection and will comply with the requirements of the Environmental Protection Act 1990 and all subordinate environmental legislation, relating to the Company's processes and activities. It is a Company objective to ensure the co-operation with the maintenance of good relations with all regulatory authorities and bodies. The Company will endeavour to act as a responsible neighbour in all the communities in which it operates.



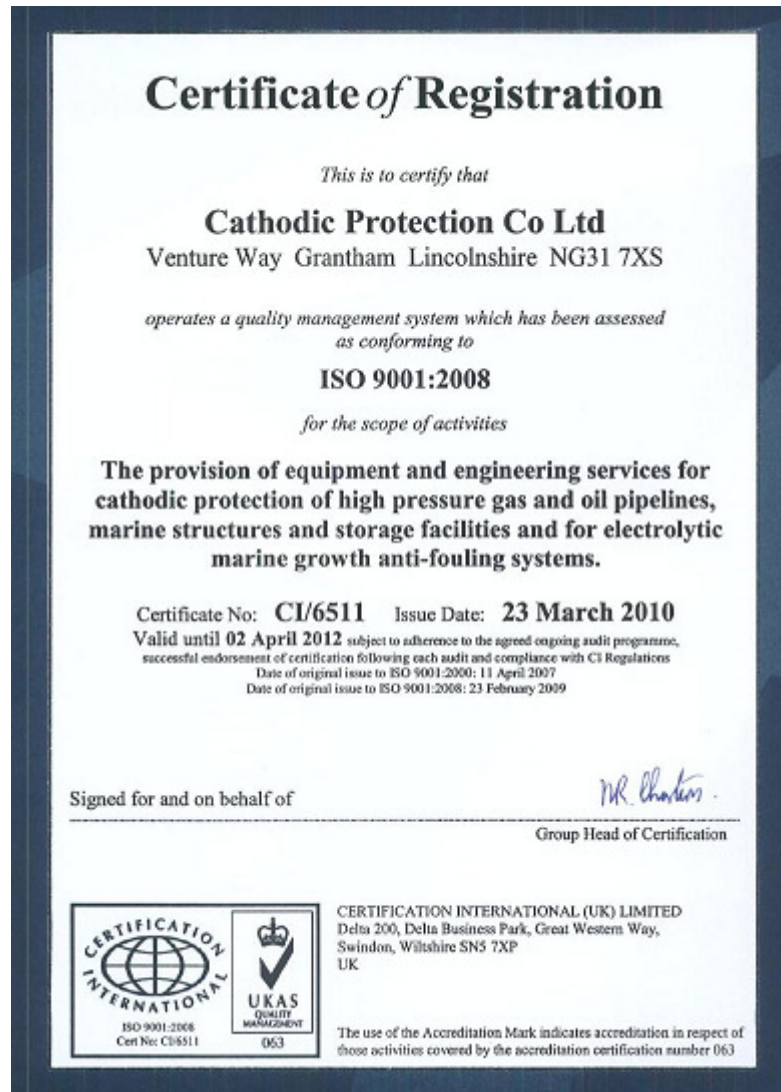
It will be the policy of the Company to carry out all measures reasonably practicable to meet, exceed or develop all necessary requirements to improve environmental performance. The policy will be enacted through integration into the Company's normal management systems, giving it equal priority with all other aspects of the business management.

The aims will be to, wherever possible:

- Assess the environmental effects of the Company's activities and introduce appropriate control measures, or as appropriate, alternative materials or processes to minimise the negative impact on the environment from its operations
- Control and reduce the amount of waste produced and wherever practicable recycle waste product.
- Reduce the consumption of raw materials, water and fuels.
- To establish relationships with environmentally responsible suppliers/sub-contractors and demonstrate concern for the environment in all its purchasing activities.
- Increase the use of recyclable and renewable materials.
- Limit noise within and around the site

The Company will as necessary develop the environmental awareness and understanding of its employees. Where practicable, the Company will provide information and assistance to customers on environmental issues arising from its products and services.

## 6.0 QA Certification



**Cathodic Protection Co Limited** has been assessed and approved to  
**ISO 9001 - 2000, Certificate No. CI/6511**

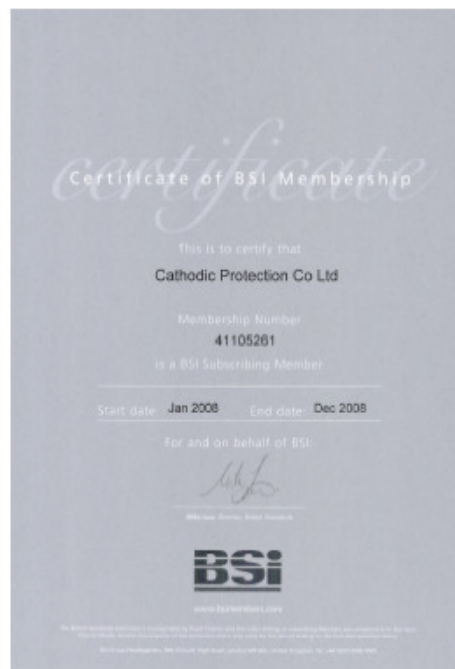
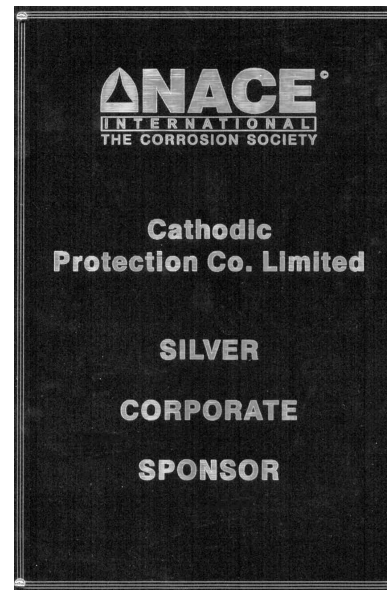
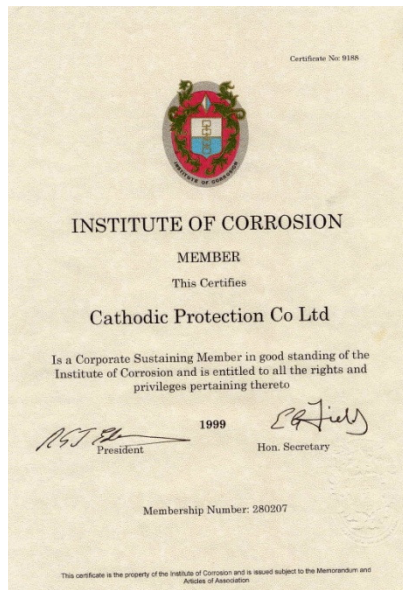
- The Quality Control Department has the authority to conduct quality assurance audits into raw materials and all facets of the Company's manufacturing activities.
- Reporting functions for this Department are directly to the Managing Director.
- Lines of communication within the Department are set out in the Company procedures.
- A copy of the Company Quality Manual is available on request.

## 6.1 Queens Award



We are delighted that our success in supporting our overseas clients has been recognised in 2009 by the presentation of the Queen's Award for Enterprise in the International Trade category. This Award has been conferred for the first time to Cathodic for trebling export earnings in three years, with products and services sold to 37 countries. This achievement has been built on a sustained investment in the company's engineering and production capability, and strategic alliances with international partners.

## 7.0 Professional Membership



**Cathodic Protection Co Limited** are members of the following professional organisations:

- NACE** National Association of Corrosion Engineers
- I Corr** Institute of Corrosion
- CPA** Corrosion Prevention Association
- BSI** British Standards Institution



## 8.0 Key Personnel & Personnel Resource

**R Holden, Managing Director** (BSc Honours Degree in Engineering and Masters Degree in Business Administration) has over 20 years business management experience including 10 years at senior manager/director level in a FTSE 100 engineering company. He has extensive international experience and has spent most of his career working in the fields of Operations Management, Quality Management and Business Improvement. He is responsible for the strategic leadership of CPC Ltd and ensuring that company resources are established, maintained, and directed to ensure that our corporate goal of complete customer satisfaction is consistently achieved.

**A Arnold, Sales & Marketing Director**, (BA Honours Degree) has 15 years experience in the Cathodic Protection Industry, beginning with the manufacture of CP equipment and progressing to a Senior Sales role. He has experience of working in North Africa, Middle East, Far East & Europe and has a thorough knowledge of Cathodic Protection materials and systems. He is responsible for the CP Project Engineering and Materials Sales Departments at CPC Ltd. He is also responsible for the policy and direction of the sales and marketing efforts for the company as a whole and is committed to both the sustainable growth of CPCL and the satisfaction of their customers.

**P Martin (MICorr)** , **Head Of Technical Services** has worked in the Cathodic Protection Industry in excess of 30 years. Peter is a Professional Member of The Institute of Corrosion; and is certified as a Senior Corrosion Technologist by NACE (certificate number 24974). Peter is the Head of the Technical Services Department at CPC Ltd where he is responsible for a team of Engineers and Technicians involved in the Installation, Operation and Maintenance of CP systems worldwide. He is well informed in modern CP design techniques and materials, the application of computer aided fault finding and survey techniques (CIPS, DCVG, ACVG) as well as the electronic management of monitoring and maintenance data. As well as pipelines he has also a broad knowledge and hands on experience of most CP applications including, Jetties, Harbours, Offshore structures, Ships, Tank Farms, Refineries, Process Plants and Steel in Concrete, with working experience in SE Asia, FSU, Middle East, N Africa, Europe and S America.

**Dr D Marshall, Senior Cathodic Protection Engineer** (BSc, PhD, M.I.Corr) has 10 years experience in the corrosion industry. Dan obtained a PhD in Corrosion Science from The Corrosion and Protection Centre in 2000, UMIST, UK; is a Member of The Institute of Corrosion; and is certified as a Senior Corrosion technologist by NACE (certificate number 10078). Dan is the Senior Cathodic Protection Engineer in the Project Department at CPC Ltd covering the design of CP systems, submission of technical and commercial quotations, project management and overseeing the project department. Dan has worked on numerous CP projects in Africa (North and Sub-Saharan), Middle East, Far East and Europe and joined CPC Ltd in October 2006.

**Dr K Kendell, Middle East Technical Sales Manager**, has a background in Applied Chemistry, PhD in Corrosion Remediation and has in excess of 20 years experience in the corrosion industry especially corrosion control of concrete structures. He is an active member of NACE & ICorr and has written many technical papers. A highly respected engineer throughout the Middle East he is an expert in cathodic protection systems for reinforced concrete structures & industrial plants including surveys, design, commissioning & operation.

**R Fielding, Business Development Manager** has 30 years Cathodic Protection experience working in Oil & Gas, Marine, Water, Civil Engineering and Industrial market sectors: is a professional member of the Institute of Corrosion. Experienced in all aspects of Cathodic Protection Activities including, Design, Project Management, Testing, Commissioning & Technical Sales.



**P Williams, Project Engineer**, has 25 years experience in cathodic protection systems both in the United Kingdom and overseas. He is familiar with most aspects of cathodic protection including survey, design and supply, installation and maintenance of onshore and offshore applications. He has extensive experience in the supervision of drilling companies and crews for deepwell groundbed application, resistivity surveys and Close Interval Potential Surveys. Also has a working knowledge of marine anti-fouling systems and internal corrosion monitoring and inhibitors.

**S Filmore, Project Engineer**, has an electrical background with 15 years experience in the cathodic protection industry. He has experience in sacrificial and impressed current cathodic protection systems including design, site surveys, installation, commissioning, monitoring and maintenance. He is trained to Level 2 Cathodic Protection Technician, ICorr approved and is also a trained First Aider. He has field experience in the UK, Jordan, Kuwait, Qatar, Saudi Arabia and Gibraltar.

**E Sparks, Technical Sales Engineer**, obtained a BSc in Mathematics from Loughborough University in 2005 and has gained wide experience in the CP industry in a technical sales capacity. Major tasks have included project management for works in Saudi Arabia, Libya, Russia and Sudan and organisation of training courses for client engineers. Key skills include preparation and submittal of materials sales quotations / bid packages, development of new markets and servicing of existing client base.

**J Coburn, Product Engineering Manager** has 10 years experience in the design and manufacture of Transformer Rectifier units and associated monitoring and control systems. Joe ensures that all of our power control systems are engineered and manufactured according to strict quality and design controls. Joe is also responsible for developing the technical aspects of our product range to ensure the latest technology is incorporated to achieve the best product solution for the customer.

**R Greenfield, Materials Dept Manager** has been with CPCL for 7 years in a variety of key roles. His experience of materials, shipping, documentation and all round project management experience ensure that contracts are handled efficiently and to the client's specification.

## PERSONNEL RESOURCE

Discipline	UK Head Office	Middle East Office
CP Engineers	4	1
Project/Field Engineers	6	2
Draughtspersons	2	1
Production	12	n/a
Administration	8	1
Accounts	2	1



## 9.0 Insurance

This is to certify that we **Cathodic Protection Co Limited** hold the following insurance:-

### Employers Liability

Policy No. L10000073031	Renewal Date: 28 <sup>th</sup> November annually
Insurer Address	Lloyds
Limit of Indemnity	£10,000,000 any one event

### Public / Products Liability

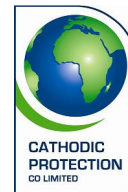
Policy No. L10000073031	Renewal Date: 28 <sup>th</sup> November annually
Insurer Address	Lloyds
Limit of Indemnity:	£5,000,000 any one occurrence and any one period of insurance in respect of Products Liability.

### Contract Works

Policy No. NT/14637958	Renewal Date: 28 <sup>th</sup> November annually
Insurer Address:	Allianz Cornhill Engineering
Limit of Indemnity	£100,000 any one contract

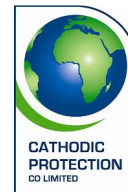
### Hired In Plant

Policy No. NJ11901162	Renewal Date: 28 <sup>th</sup> November annually
Insurance Address	Allianz Cornhill Engineering
Limit of Indemnity	£100,000.00 any one claim.
Cover	Comprehensive



## 10.0 Projects List

PIPELINES, PLANTS & CONCRETE					
Project Name	Country	Scope	Value	Date	Client
Skikda LNG	Algeria	Survey, design, manufacture and supply of Cathodic Protection system	£450k	Ongoing	KBR / Sonatrach
EGTL	Nigeria	Survey, design, manufacture and supply of Cathodic Protection system for gas to liquids plant	£2000k	Ongoing	Chevron / NNPC
Ras Laffan Port Expansion	Qatar	Cathodic protection design, supply and commissioning for new reinforced concrete substation buildings and various metallic water tanks, Liquid Petroleum Berths, Container berths, Tug Berths and naval Base structures. This includes piles, decks, capping beams, walkways, etc.	£3,125k	Ongoing	Qatar Petroleum
Assiut To Aswan Gas Pipeline	Egypt	Survey, design manufacture & Supply Of Permanent & Temporary CP Systems For A 525km 30" Gas Pipeline	£250k	Ongoing	Enppi / Egas
Medgaz 48" Gas Pipeline	Algeria	Design, manufacture & supply Of Temporary & Permanent CP Systems for 250kms Gas Pipeline	£400k	2007-8	Sonatrach
Common Cooling Water Phase 2	Qatar	Cathodic protection design, supply and commissioning for all new reinforced concrete seawater cooling systems	£1,875k	2007-8	Qatar Petroleum
Emethanex Project	Egypt	Survey, design, manufacture and supply of ICCP systems for pipelines, tanks and jetty.	£130k	2008	Techint / Emethanex
BTC	Turkey	Design verification, supply of materials, installation & commissioning of 280km Lot-"A" of the BTC P/L.	£250k	2005-07	BOTAS / BTC BP
BTC	Turkey	Design verification, supply of materials, installation & commissioning for 4No pumping stations & 1No pigging station.	£300k	2005	BOTAS / BTC BP



MARINE					
Project Name	Country	Scope	Value	Date	Client
GATE Project	Netherlands	Design, supply and commissioning of Sacrificial and Impressed Current CP systems for LNG jetty	£250k	2010	GATE / TS LNG
Upgrade Of Fuel Loading Jetty	Kuwait	Survey, design, supply & Installation Of ICCP system retrofit and upgrade.	£650k	2008-09	KNPC
Tianjin Port Development	China	Design For ICCP System and supply of Specialist Materials	£75k	2006-07	Orient Resource Holdings
DOW-PIC Olefins 2 Project (OL2K) Jetty No 34 Expansion CP System FEED	Kuwait	Front End Engineering Design (FEED) for the Impressed Current Cathodic Protection (ICCP) System for the expansion of Jetty No 34	£6K	2005	Mouchelparkman for DOW Chemicals
Amwaj Islands	Bahrain	Design, supply, install & commission ICCP system for sheet piles & reinforced concrete capping beam	£300k	2005-06	Ossis Developments
Petroplus Jetty	UK	Supply, Install and commission ICCP system	£85k	2001	PetroPlus
Aughinish Alumina	Ireland	Survey, design & installation of impressed current on tubular jetty piles.	£30k	1999	Alcan
Yanbu Seawater Pumphouse	Saudi Arabia	Survey, design & installation of ICCP systems for seawater pumping stns.	£50k	1999	YANPET
Humber Oil Terminals	UK	Survey, design & installation of impressed current systems on oil loading jetties	£68k	1999	Associated Petroleum Terminals
Texaco Berths 7 & 8	UK	Design, supply and install CP system to jetty piles	£130k	1997	Texaco Ltd

STORAGE TANKS					
Project Name	Country	Scope	Value	Date	Client
Storage tanks at Samawa	Iraq	Design and supply of CP systems to 19 oil and product storage tanks for internal and external protection	£400k	2011	SCOP (State Company For Oil Projects)
Crude Oil Storage Tanks	Libya	Supply of CP Systems for 10 No Crude Oil Storage Tanks	£275k	2009	SOC (Sirte Oil Company)
SOC Fuel Storage	Iraq	Design and supply of CP Systems for 8 No Crude Oil Storage Tanks	£150k	2009	South Oil Company
Al Amal Development Project	Egypt	Survey, design, manufacture and supply of ICCP systems for Tank Storage facility.	£40k	2009	Amapetco
Tenghizchevroil Tank Bottom Project	Kazakhstan	Design verification, supply of materials, installation & commissioning	£110K	2006-07	Worley Parsons / TCO
SCECO	Saudi Arabia	Design and installation of mixed metal oxide anode system for protection of storage tank bases.	£65k	2004	Saudi Bemco
SCECO	Saudi Arabia	Design and installation of mixed metal oxide anode system for protection of storage tank bases.	£50k	2002	Saudi Bemco
Mina Al Ahmadi	Kuwait	Design & installation of silicon iron anode groundbeds for protection of storage tank bases & pipework.	£90k	1999	Sinopec / Kuwait National Petroleum Co.
Shuaiba Tank Restoration	Kuwait	Design, supply and supervision of installation of cathodic protection system	£40k	1998	KNPC
Umm Said Tank Farm	Qatar	Design and installation of mixed metal oxide deepwell anode groundbeds for protection of storage tank bases.	£200k	1997	Qatar General Petroleum Co.
Teeside Refinery	UK	Survey, design & Installation of Borehole Ground beds & polymeric anodes, rectifiers	£400k	1997	Phillips Petroleum

MATERIAL SUPPLY					
Project Name	Country	Scope	Value	Date	Client
IKRA Vinyls Plant	Russia	Supply of 26 TR Units , 1000 MMO Anodes, Junction Boxes, Ref Cells and Accessories	£850k	2011	Technip / RusVinyl
GATE Project	Netherlands	Design, supply and commissioning of Sacrificial and Impressed Current CP systems for LNG jetty	£250k	2010	GATE / TS LNG
Koniambo Nickel	New Caledonia	Design, supply and commissioning of Sacrificial and Impressed Current CP systems pipe works, tanks and jetty facility.	£650k	2010	Koniambo Nickel / Technip
GGX Ras Laffan	Qatar	Supply Of Junction Boxes / Remote Monitoring	£83k	2010	Qatar Liquefied Gas Company / CTJV
GGX Ras Laffan	Qatar	Supply Of Transformer Rectifiers	£59k	2010	Qatar Liquefied Gas Company / CTJV
Southern Seawater Desalination Plant	Australia	Supply Of Elgard MMO Ribbon, Reference Electrodes 7 Accessories	£250k	2009	SSJV
Stublach Gas Wells	UK	Design & supply of CP systems including 13 No Transformer Rectifiers	£100k	2009	Storengy
Tangier Port Development	Morocco	Supply Of Elgard MMO Ribbon Anodes & Accessories	£500k	2007-9	Mecap / PPTM
QAFCO 5	Qatar	Supply Of TR's, Junction Boxes, MMO Anodes and Accessories	£250k	2008-9	Snamprogetti /QAFCO
El Feel Water Injection Project	Libya	Supply Of TR's, Junction Boxes, MMO Anodes and Accessories	£250k	2008-9	CPP / ENI
Kashagan	Kazakhstan	Supply Of CP Equipment For Protection Of 10 Storage Tanks	£150K	2007	MSS / AGIP
Zueitina 103A Pipeline	Libya	Supply Of Temporary & Permanent CP Equipment	£100K	2006-07	CPPMEC / Zueitina Oil Company
Great Man Made River Project	Libya	Supply Of CP Accessories	120K	2006	Al Nahr Co. Ltd
CP Data Management	UK	Supply Of Allegro Field Computers	220K	2006	Scottish & Southern
Nafoora Field Upgrade	Libya	Supply Of Cathodic Protection Materials & Services	£220K	2005/6	Bosna S Oil Service Company / AGOCO

ANTI FOULING					
Project Name	Country	Scope	Value	Date	Client
Upper Zakum Field, South Satellite Platform	UAE	Firewater and Jockey Pump Anti-Fouling Stsrems	£42K	2011	ZADCO
Champion 7	Brunei	Firewater Pump Anti-Fouling System	£45K	2011	Frank Mohn Flatøy AS / Brunei Shell Petroleum
MPI Adventure	UK	CAnDU™ Anti-fouling Systems for Cooling Water Pumps	£49K	2011	MPI Offshore
Puerto Montt & Mejillones Fuel Terminals	Chile	Firewater and Jockey Pump Anti-Fouling Systems	£82K	2010	Sihi Chile / COPEC
PLTU 2 Sulawesi Utara	Indonesia	Power Plant Cooling Water Intake	£147K	2009	PT Wijaya Karya Tbk / PT PLN (Persero)
Trinidad Project	Trinidad	Tank Based Anti Fouling system	£150k	2009	BHP
Fire Water Pump Project	UK	Fire Water Pump Anti Fouling System	£75k	2008-9	Sulzer Wood
Rough Platform Upgrade	UK	Cooling, Fire and Service Water Pump Anti Fouling System	£120K	2006	Amec

SURVEY & MONITORING					
Project Name	Country	Scope	Value	Date	Client
CIPS & DCVG	Libya	1,500Kms of CIPS and DCVG Survey	£500k	20010-11	Waha Oil Company
CIPS AND DCVG	Libya	1,000kms of CIPS and DCVG Survey	£500k	2008-9	SOC
Various Pipeline Surveys	Georgia & Azerbaijan	SCPX and WREP Pipeline Route Surveys on South Caucasus Pipeline Network	£120k	2011	RSK / BP
Various Pipeline Surveys	Georgia	Various Pipeline Surveys on South Caucasus Pipeline Network	£400k	2011	RSK / BP
Operation and Maintenance of Cathodic Protection Facilities	UK	Operation and Maintenance of Cathodic Protection facilities to 2000 KM of OIL Pipelines in the UK, to include remedial works and upgrading of systems.	£400K	2008 - 2012	OPA
CIPS AND DCVG	UK	Various pipelines in West of UK	£K10	2012	W&W Utilities



## 11.0 Middle East Office

With our administrative HQ located in Abu Dhabi we are ideally placed to provide Cathodic Protection and Corrosion Engineering services for the entire Gulf region.



Our senior staff, supported by a workforce of qualified and experienced technicians, are able to service the mostly technically demanding projects associated with the Oil, Gas, Petrochemical, Power & Water and other industries in this rapidly developing region.

- Cathodic Protection/Prevention for reinforced concrete structures
- Industrial Cathodic Protection systems for pipelines, plant, tankage, etc
- Cuprion™ Marine Anti-Fouling Systems
- Consultancy
- Engineering Services
- CP Materials Supply
- Manpower supply

### CONTACT DETAILS :

Al Mazroui Engineering Company LLC

Cathodic Protection Division  
Gold & Diamond Park Bldg7 Suite1- 111  
P.O. Box 72324  
Sheikh Zayed Road  
Dubai, UAE

Tel : +971 4-3105000

Email : [cathodic@emirates.net.ae](mailto:cathodic@emirates.net.ae)

## 12.0 Current Projects

### Qatar – Ras Laffan Common Cooling Water Project



Providing vital cooling water for the new Ras Laffan Industrial City in Qatar, this project is one of the largest of its type in the world. Cathodic Protection Co Limited engineers have designed the cathodic protection systems required to protect the reinforced concrete sea water channels from corrosion. The scope of work also included full system design, supply of anode systems, transformer rectifiers, remote monitoring reference electrodes and associated installation materials.

### Chevron / NNPC - Escravos Gas To Liquids Project – Nigeria

Cathodic Protection Co. Ltd has been awarded a multi million dollar contract in Nigeria. The turnkey project is to design, supply, install and commission Cathodic Protection systems for the Escravos Gas To Liquids project.

CPC will be protecting on site plant including storage tanks, pipelines and steel pile foundations using a variety of Galvanic and Impressed Current techniques to meet the clients specification.



## 12.1 Clients of CPCL

