

# Field Engineering

The best in the field since 1950



**Protecting** your  
investment for  
**70+ years...**



# The best field engineering services...

Cathodic Protection Co Ltd have been leaders in the industry for over 70 years. Providing Cathodic Protection related Field Engineering services on a global scale.

## Core Values

**Customer Focus**  
**Value**  
**Performance**  
**Teamwork**  
**Innovation**



Operating since 1950 in 6 continents, Cathodic Protection Co. Ltd (CPCL) is the preferred choice for companies requiring complete cathodic protection and marine anti-fouling solutions.

Our core values are entrenched within our business, using the principles of value engineering, ongoing product development utilising state-of-the-art equipment and a strong network of strategic partners. We strive to deliver both cost savings and added value to our customers.

The Field Engineering department consists of a highly qualified and competent team of Field Technicians, Engineers and Project Managers to ensure all our customers requirements are catered for. Safety is our highest priority, matching this with our high quality competence of the field engineering team ensures we remain a trusted partner of key operators both in the UK and Overseas.

Whether your project is large or small, as a client of CPCL, you will benefit from the expertise of world class cathodic protection specialist engineers, providing the best solutions to meet your needs.

**Chris Martin**  
Operations Director



# ...for your investment

# Our Services



## CP Monitoring & Maintenance

CPCL provide routine Cathodic Protection and Monitoring inspections on new and existing structures, such as pipelines, jetties, tank farms and power stations.

The primary aim of which is to ensure that the CP system operates at an optimum level and that structures are protected from degradation and corrosion.

Frequent inspections ensure compliance with required standards and criteria factoring in the structure and environment. These inspections ensure that any new or historical changes to site or are monitored and taken into consideration.

Data is collected from site using state of the art field computers and can be managed by CPCL or integrated within the clients existing database.



## ECDA Surveys

CPCL have extensive worldwide experience in completing External Corrosion Direct Assessments (ECDA) Surveys on pipelines. An ECDA often including the following:

**Close Interval Potential Surveys (CIPS)** are utilised to provide a detailed profile of the potential difference between the pipeline and soil, this details the effectiveness of a CP System is operating on the pipeline route.

**Direct Current Voltage Gradient (DCVG)** is used to evaluate the coating condition on buried pipelines by locating coating defects and categorising their severity.

**Pipeline Current Mapping (PCM)** enables the pipeline surveyor to identify an electrical 'short' caused by contact with other metallic structures and coating defects.

CPCL also offer alternative survey methods to further assess the integrity of the pipeline these include **Alternating Current Voltage Gradient (ACVG)** and **Depth of Cover (DOC)**.



## CP Installation Services

CPCL has carried out installation a global scale in the last 70 years.

Whether the project requires replacements of small components or require a largescale rehabilitation project.

CPCL can plan, project manage and deliver on-time for all types of installation work, CPCL can also support and manager 3rd part civils companies or work as a contractor as part of a larger construction projects ensuring compliance with HSE legislation such as the CDM regulations.

CPCL have the capability to manufacture high quality CP materials (standard or bespoke) based on small or larger demands to suit project requirements.





## Marine CP Inspections and Remedial Work

Cathodic Protection Solutions for all types of marine structures around the world, such as; jetties, ports, bridges, vessels, offshore platforms, and wharves.

CPCL have the capability to design supply and install CP Systems on existing or new structures. We have a strong reputation for providing materials appropriate to marine based environments.

CPCL have contacts within the marine industry and can provide specialist access services such as rope access, scaffolding, workboats, and divers.



## CPCL: Additional Services

CPCL can offer various alternative services to provide solutions in maintaining your CP System or Asset such as:

- Soil Resistivity Surveys
- Remote Monitoring Solutions
- Interference Surveys
- Induced HVAC Investigations.
- Earthing System Investigations
- Stray Current Testing
- Coating Inspections
- Data Logging Activities
- HDD Current Density Surveys
- Continuity Testing
- GPS Locating and Mapping
- Lightning Protection
- CP Training
- Line-Walking
- Wayleave Clearance
- Civils Engineering
- CP Equipment Hire



## Personnel

Our Field Engineering team are extremely talented and perform work to the highest of standards.

Our priority at CPCL is the health and safety of the team, within the field division we have invested significantly over recent years into ensuring our staff have the relevant training to ensure their safety and compliance on site.

The team consists of qualified and competent personnel trained with both the Institute of Corrosion (ICORR) and National Association of Corrosion Engineers (NACE) to ensure we provide quality, value and integrity in our work to our clients.

# With us, you can be assured of our quality and experience...

Leading the industry for 70 years, Cathodic Protection Co. Ltd. (CPCL) is a UK based company, with a network of representatives worldwide, working in many sectors including oil, gas, power, petrochemical, civil engineering and renewables.

**"We have been very impressed with CPCL's customer service, professional attitude, attention to detail and communication. They have always kept us up to date with developments, hit every deadline required and kept on programme while maintaining high levels of performance in safety critical environments. They have provided us with very cost-effective works and have proven to be excellent value for money. They are our first port of call for cathodic protection works and we look forward to working with them in the future."**

Civil Engineering Contractor

**"I was impressed with their work ethic and their approach to dealing with changing situations on site and the project was successfully completed in a very safe manner."**

Structure Maintenance Manager



## Accreditations

We maintain a full suite of accreditations to international and industry standards including health, safety, quality and the environment.



# Protecting your investment for **70 years**



## Our brands



## Distributors for



## Agents representing us worldwide



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