

**German Cathodic Protection**

**GCP**

***The experts with  
worldwide experience in***

***Cathodic  
Corrosion  
Protection***



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# Competence in Cathodic Corrosion Protection

GCP German Cathodic Protection, a member of the GCP group, is an internationally operating company providing industrial services and systems for the world market. GCP German Cathodic Protection offers a widerange of technical services implementing tailored and customised solutions. GCP German Cathodic Protection personnel know-how and almost 40 years of experience enables the company to respond flexibly to the needs of the markets.



## Application Technology



Cathodic corrosion protection has proven its effectiveness worldwide and over many decades in preventing the corrosion of buried or submersed steel structures.

Cathodic protection systems can be used for the following objects:

- Pipelines
- Harbours
- Jetties
- Oil- and gas platforms
- Production wells for oil, gas, water
- Sheet piling
- Sluices
- Storage tanks
- Industrial plants
- Steel reinforcement in concrete

Our mission is to provide our customers the best and most reliable cathodic protection systems based on our decades of experience and know-how.

We can supply complete packages from a single source – consultancy, site survey, optimised engineering, material selection, material procurement, installation, testing, commissioning and after sales service.

# System Engineering Services

Our experienced team of engineers, project managers and technicians can design, manufacture, program and install a system that meets your specifications and requirements in terms of budget and time frames.

We believe in teamwork and long-lasting partnerships with customers, contractors or suppliers. This ensures that our products and systems offer the functionality and features necessary for continuous, uninterrupted operation.



## Services

- Project consultancy
- Site survey
- Basic design
- Detail design and specifications
- Material procurement
- Construction and supervision
- Testing and commissioning
- Job training
- After sales service
- Monitoring and maintenance
- Remote monitoring and control service
- Stray current investigation
- Pearson survey
- Soil resistance measurement
- Fault location survey
- Computerised close interval potential survey
- Computer based calculation of AC induced high voltage
- Training and development seminars

# Perfection in Manufacturing

Components for cathodic protection systems are designed for a long operational lifetime. Therefore only the very best is good enough! Perfection is the basis of the development and manufacture of our cathodic protection materials.

Our own research and quality assurance system combined with stringent control and test procedures guarantee for this high quality level.

Only products which have passed these procedures will be released for shipment, ready to be installed and to work on site.

Our product components for cathodic corrosion protection systems:

## Products

- Transformer rectifiers
- Alternative DC-Power systems
- Sacrificial anodes
- Impressed current anodes
- Permanent test stations
- Reference electrodes
- Potential converters
- Current interrupters
- Cables
- Cable to pipe connections
- Flange insulating kits
- Data loggers
- Measuring instruments and equipment
- Remote monitoring and control systems
- Data management systems
- Computer software





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