



**HOCKWAY™**

## Field service support for Cathodic Protection Systems

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# Site Surveys and Expertise.

At Hockway we have qualified and experienced engineers and technicians whose expertise in collecting accurate site data is the foundation for high quality and durable cathodic protection systems.

Our field services, an integral part of our cathodic protection system design, project management and operational support service, covers the following areas:



## System Commissioning

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We carry out initial and final commissioning of completed cathodic protection systems. This includes setting up and operating remote monitoring and control systems.

## CIPS Surveys

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We can provide detailed CIPS – Close Interval Potential Surveys with ON OFF pipe-to-soil potential surveys using specialised GPS synchronous dataloggers, such as the Allegro CX Unit and GPS current interrupters.

## Coating Surveys

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We provide detailed pipeline coating surveys using the Direct Current Voltage Gradient (DCVG) IR% and Pearson survey equipment

## Soil Resistivity Surveys

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We provide detailed site Soil Resistivity surveys using the Four-Pin Wenner method and electromagnetic geonics equipment to calculate pipeline route resistivity and to locate conventional shallow/horizontal along with deepwell vertical groundbed locations.

## E-Log I Surveys

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We offer detailed surveys for external well casing protection through current drainage surveys in conjunction with an E Log I survey. We can use either permanently installed impressed current transformer rectifiers and groundbeds or temporary power sources and temporary groundbeds.

## Installation Supervision

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Our supervisory services assist and oversee the installation of all types of cathodic protection systems. These include internal cathodic protection and undertank cathodic protection. We also supervise installation of conventional horizontal and vertical groundbeds and all supporting monitoring/test facilities, including permanent reference electrodes and coupons.

## Maintenance and Monitoring

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We can review existing cathodic protection systems and then develop and implement corrective action plans. We are able to manage and carry out monitoring and maintenance for any cathodically protected structure including remote and inplant systems. We can also conduct surveys to validate each system component including transformers, bonds and foreign/road crossings.

## Remote Monitoring and Control

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In conjunction with our CPDM programme and range of remote monitoring systems, we can manage and audit existing CP systems and support remote monitoring control systems.



## AC Interference Surveys

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Our pipeline integrity surveys include measuring and monitoring the effects of both AC and DC interfaces. This includes carrying out specialist surveys and collecting site data for design of AC and DC mitigation systems.

## Current Drainage Surveys

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We carry out current drainage surveys on new and old buried piping and tankage systems to determine your actual cathodic protection current requirements.



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## Contact

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