

## THE VALUE OF EXCELLENCE MEARS INTEGRITY SERVICES

## CATHODIC PROTECT

Mears offers CP monitoring, diagnostic testing, and assessment services by experienced technicians under the supervision of talented engineers. Test station surveys and close interval potential surveys (interrupted and depolarized) are among the key tools for the evaluation of existing CP systems.

### **CATHODIC PROTECTION SERVICE PACKAGE:**

- CP Monitoring, Evaluation & Audits
- **CP Design Services**
- **CP System Installation & Commissioning**
- Linear Anode System Design and Installation

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INTEGRITY SOLUTIONS
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## CATHODIC PROTECTION MONITORING AND EVALUATION

Mears offers CP monitoring, diagnostic testing and assessment services by experienced technicians under the supervision of talented engineers. Test station surveys and close interval potential surveys (interrupted and depolarized) are among the key tools for he evaluation of existing CP systems. Data analysis is supported with proprietary software to determine compliance with client-selected criteria and identify the need for any remediation. Right-of-way surveys, including soil chemistry and resistivity surveys, are available for proposed pipelines.

### **CATHODIC PROTECTION DESIGN SERVICES**

Mears engineers are experienced with the design and performance of all CP alternatives and the advantages of each in specific situations. For new or supplemental systems, consideration is given to sacrificial anodes or impressed current groundbeds using point or distributed surface configurations, deep anodes, or linear anodes to achieve the client's corrosion control objectives and meet designated CP criteria as efficiently as possible. CP design considerations include minimizing stray current influences on foreign pipelines and other nearby structures. The linear anode option offers an alternative to recoating of older pipelines with significant cost savings.

## CATHODIC PROTECTION SYSTEM INSTALLATION AND COMMISSIONING

Mears construction division is experienced with installation of all components required for a fully functioning CP system. Our technicians are capable of activation and adjustment of systems for optimal operation. Operating manuals and monitoring schedules are available to support long-term corrosion control.

## LINEAR ANODE SYSTEM DESIGN AND INSTALLATION

Mears developed and patented a procedure for the installation of continuous linear anodes (patent #5,743,675). Mears was the first manufacturerapproved installer in the U.S. of the AnodeFlex linear anode system using this procedure, and has designed and installed millions of feet of this product as a costeffective alternative to recoating of some pipelines to restore effective cathodic protection.



# MEARS INTEGRITY SOLUTIONS OFFERS A COMPREHENSIVE PROGRAM TO KEEP YOUR FACILITIES UP TO EXCEPTIONAL STANDARDS.

We specialize in the following Integrity Solutions:

### **AC Mitigation Services Package**

Analysis, design, installation and commissioning

### **Direct Assessment**

ECDA, SCCDA and ICDA integrity services

#### **Cathodic Protection**

Design, testing and installation

### **Pipeline Recoating**

Automated abrasive blasting and spray-or coating application, including excavation, construction, etc.

#### **Linear Anodes**

Design, testing and installation

### **Hydrostatic Testing Services**

Innovative planning, design, testing



A QUANTA SERVICES COMPANY

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