



# **Pipeline Integrity Systems Installation**

The Henkels & McCoy (H&M) pipeline integrity team specializes in cathodic protection and mitigation systems installation. Using specialized equipment, such as cable plows, auguring equipment, and horizontal directional drilling (HDD) systems, H&M installs, maintains, and upgrades pipeline integrity systems. H&M equipment operators and technicians are fully trained and have the required Operator Qualifications (OQ) to perform safely within pipeline operators parameters.

H&M crews are able to complete trenchless installation faster and more efficiently than traditional trenching methods through the utilization of cable plows. A cable plow is less invasive and creates less environmental damage resulting in less cleanup and restoration.

HDD enables parallel installations in lengths up to 1000 feet. Steering technology allows H&M to perform sophisticated operations ranging from undercrossing water courses to drilling beneath industrial complexes. The HDD steerable method application is proven to be friendly towards the environment, with only minor ecological interventions. It also requires little soil movement, surface restoration and traffic disturbance, when compared to open trenching methods.

H&M also preforms auger drilling to install vertical anode beds and cathodic protection systems. Auger drilling allows H&M to drill through soft rock and soil formations, reaching depths of 20 feet or more without the use of heavy machinery.

## Cathodic Protection Installation Capabilities

- · Linear Anodes Bed System
- Remote Beds Anode System
- · Deep Well Anode System
- · Galvanic Anode Systems
- · Rectifiers
- Test Stations
- Junction Boxes

### AC Mitigation Installation Capabilities

- Mitigation Products
- Decouplers
- Gradient Control Mats
- Test Stations
- Junction Boxes





#### **Commitment to Safety**

Henkels & McCoy (H&M) extends safety to every aspect of work. Safety drives the development of impeccable work practices and is at the core of the way behavior is observed, communicated, and investigated. H&M follows a daily safety management system of leading and lagging indicators, including coaching observation trends, work site audits, good catch and near miss reports, corrective action follow-ups, total recordable incident rates, days away, and restricted duty and transfers. With these indicators, H&M performs trend analysis and program validation of safety performance. This vigilant evaluation and implementation of company and industry-wide best practices ensures H&M maintains the absolute highest safety standards to protect our workers, our clients, and the community. H&M's daily mission is to ensure "Nobody Gets Hurt!"

#### About

Henkels & McCoy is an industry-leading utility construction firm providing critical infrastructure design, construction and maintenance services for the power, oil & gas pipeline, gas distribution, and communication markets throughout North America. Founded in 1923, Henkels & McCoy adapts over 95 years of experience to the dynamic and evolving infrastructure needs of today. Henkels & McCoy has been recognized with an E. I. DuPont Safety Excellence Award and is a founding member of the Electrical Transmission & Distribution Partnership, a collaborative industry partnership working to reduce fatalities, injuries, and illnesses in the electric line construction industry.





To learn more about our service offerings and H&M's commitment to safety, quality, and performance, please contact us or visit our website.







