



## 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

Safety is a top priority for H&M. We strive for every employee to return home as safely as they arrived to work. It's our goal and daily mission that Nobody Gets Hurt!

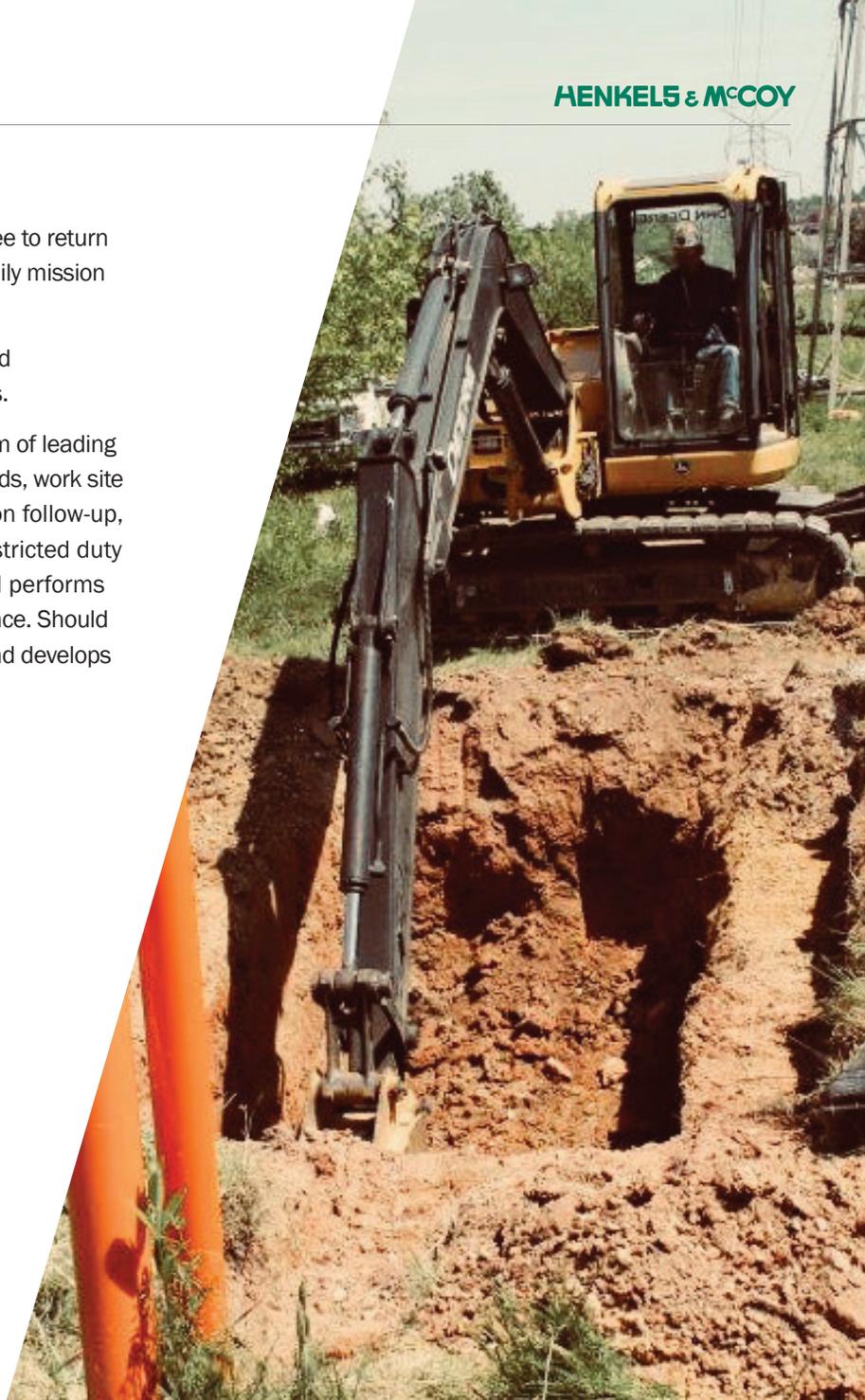
Safety is at the core of the way H&M observes behavior and communicates, investigates, and develops work practices.

On a daily basis, H&M follows a safety management system of leading and lagging indicators including coaching observation trends, work site audits, good catches, near-miss reports, corrective action follow-up, total recordable incident rates (TRIR) and days away, restricted duty and transfers (DART) rates. Using these indicators, H&M performs trend analyses and program validation of safety performance. Should an incident occur, H&M quickly identifies the root cause and develops corrective practices.

H&M has been recognized with an E.I. DuPont Safety Excellence Award.

## About

Henkels & McCoy has served the oil & gas pipeline and gas distribution markets for over half a century. Our capabilities include mainline pipeline, pipeline integrity, and facilities services for the engineering, construction, and maintenance of oil & gas pipeline networks throughout North America. Our expertise and ability to scale provides the management, craft, and equipment resources vital to long-term relationships with our customers, who trust us to perform to the highest standards of safety, quality, and efficiency, and remediation services.



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



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