



ASSET INTEGRITY MANAGEMENT

We are an industry-leading, privately held engineering and construction firm that provides innovative utility infrastructure solutions.

AMI
TECHNICAL SOLUTIONS
A **HENKELS & MCCOY** Group Company



HMI Technical Solutions (HMITS) has a rich history of providing clients comprehensive asset integrity management solutions in the energy sector. HMITS helps customers grow and strengthen their infrastructure systems by focusing on the five key drivers of growth—technology, process, labor, training, and cost efficiency—at every stage of every project.

Asset Integrity Services

HMITS offers integrated, multidiscipline engineering, design, and professional services. With a skilled staff of civil, structural, mechanical, electrical, and materials science engineers, HMITS provides full integrity-related work from corrosion engineering and consulting (including regulatory compliance program consulting) to material selection, system installation, and testing and commissioning.

HMITS can also provide customers with turnkey External Corrosion Direct Assessments (ECDA), a process that covers the pipeline through examination of places on the pipe where anomalies could form as a result of corrosion.

Additionally, HMITS delivers AC mitigation solutions, from engineering and field surveys to design, installation support, and inspection. With the growing demand to share Rights-of-Way (ROW) with high voltage power lines (HVPLs), AC mitigation solutions for pipelines are designed, installed, and maintained to minimize the induced voltage on the system.

Corrosion Control Services

The HMITS asset integrity team designs and installs Impressed Current Cathodic Protection (ICCP) and Sacrificial Anode Cathodic Protection (SACP) systems. Both the SACP and ICCP systems have different advantages, and the HMITS team will assess which method to use by evaluating the operational requirements, efficiency, and cost analysis for any specific project.

HMITS performs Close Interval Potential Surveys (CIS) to assess the effectiveness of cathodic protection (CP) systems and will follow up with Direct Current Voltage Gradient (DCVG) and/or Alternating Current Voltage Gradient (ACVG) surveys to locate possible coating faults; to quantify their severity, and to measure the effectiveness of the cathodic protection system without having to disturb the pipeline. HMITS NACE certified engineers and technicians monitor and mitigate stray current with tools that keep pipeline assets safe. Additionally, HMITS technicians can troubleshoot and perform system repair services. HMITS also offers corrosion training services, such as Operator Qualification training for corrosion related covered tasks.

Inspection

HMITS has NACE-certified coating, cathodic protection installation, and bell hole inspectors. HMITS has conducted pipeline Post-Assessment inspections as well as atmospheric corrosion inspections of above-ground piping at refineries and pipeline terminals. HMITS also conducts atmospheric inspections of pipelines at bridge crossings and other above ground crossings.

During new construction, HMITS can provide personnel to ensure the cathodic protection/AC Mitigation installation is performed to the specifications of the design package through NACE-certified corrosion inspectors. Complete as-built packages can be submitted.

Field Support

The HMITS asset integrity team manages each project with care and attentiveness, while adhering to environmental compliance requirements throughout the process. HMITS ensures that safe and reliable infrastructure is always the focus.

The HMITS team provides turnkey services that include pipeline excavation, coating inspections, and surveys. Additionally, the team provides atmospheric corrosion measurement and casing and test station monitoring services. HMITS' trained staff provides the experience to troubleshoot various cathodic protection issues to maintain adequate cathodic protection of the intended structure.

HMITS performs cathodic protection surveys that include test points surveys, annual and periodic surveys, stray current, testing, and troubleshooting.

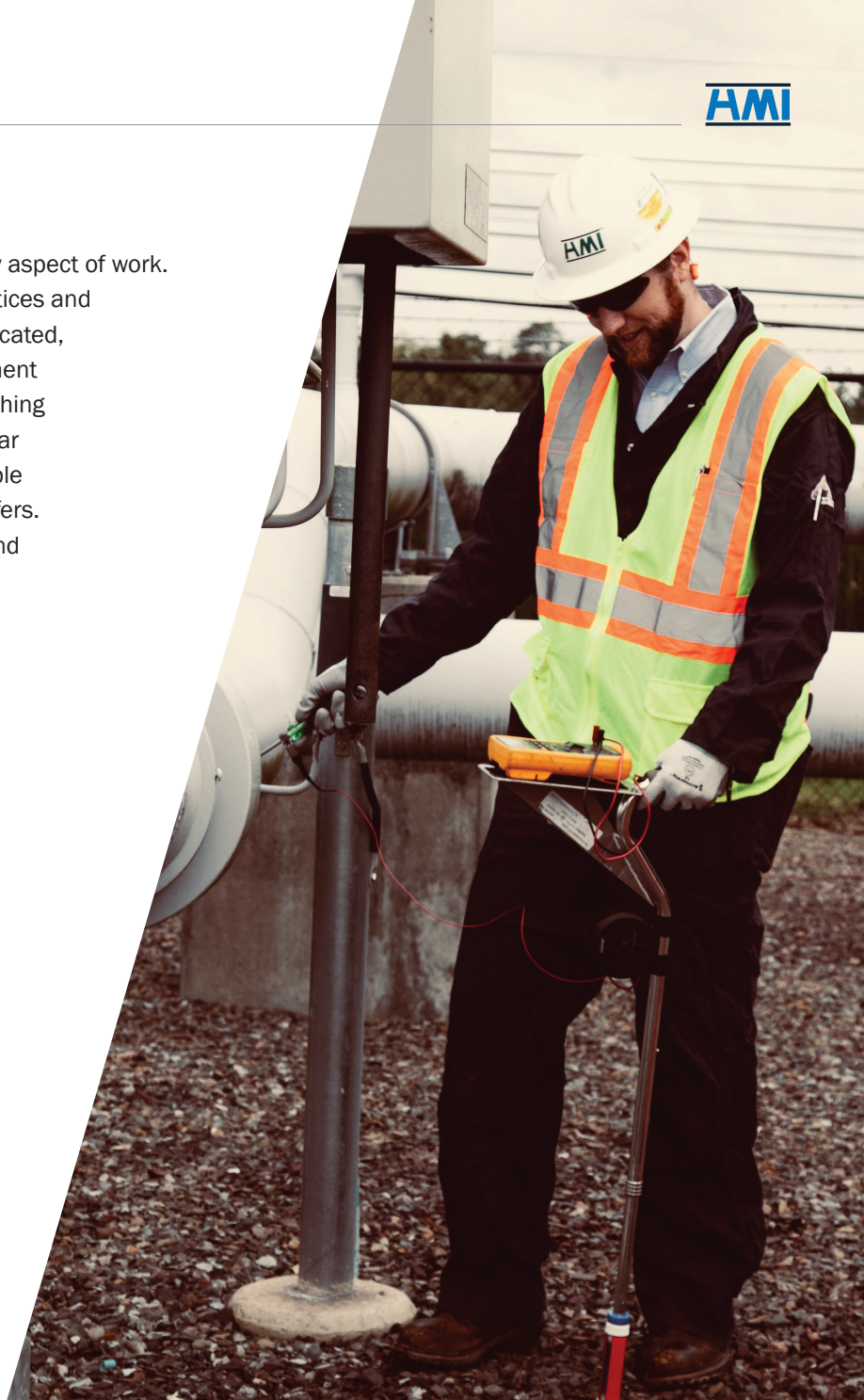


Commitment to Safety

HMI Technical Solutions (HMITs) 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. HMITs 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, HMITs performs trend analysis and program validation of safety performance. This vigilant evaluation and implementation of company and industry-wide best practices ensures HMITs maintains the absolute highest safety standards to protect our workers, our clients, and the community. HMITs' daily mission is to ensure "Nobody Gets Hurt!"

About

HMITs provides results-driven engineering, design, and integrated solutions to the power, oil & gas distribution, and communications industries. HMITs' best-in-class services include design, asset integrity management, feasibility studies, surveys, constructability reviews, and turnkey delivery services within these core utility segments. With a genesis in construction and a skilled team of multidiscipline engineers and project management professionals, the privately-held firm brings a deep understanding of infrastructure to every project.



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



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