

HMH Pipeline Inspection Services

HMH Services:

Project Management

Repair - Replace - Refurbish

System Design

Project Quality Control Plans

Long Term Agreements

Operations and Maintenance

Asset Management

Examining and Verifying the Integrity of Your Pipeline

Pipeline Integrity

- Program and procedure development
- Records and data management
- Records verification
- Risk and baseline assessment
- Evaluation of preventative measures
- Data gathering and integration
- Data conversion
- GPS acquisition

Project and Construction Management

- Execution plan and procedures
- Budget development and cost control
- Planning and scheduling
- Contract administration
- Quality assurance
- Project execution
- Field supervision, engineering and inspection
- Contract administration and change control
- Quality assurance and quality control
- Certification and commissioning
- System optimization
- Risk and sensitivity analysis

What HMH Inspectors Bring

- Perform in process and final visual weld inspection
- Verify material certifications
- Verify personnel qualifications of welders, NDE and Heat Treatment personnel
- Maintains record of project weld defect rate and welders individual defect rate
- Prepare Weld Maps and as-builds
- Issue Radiography requests and other NDE requests
- Observe coating and wrapping of pipe or pipe joints for conformance to specifications and verify accuracy of coating by observing or conducting electrical tests for holidays or inadequately coated areas on pipe, hardness tests, DFT and other tests
- Witness and verify correct installation of cathodic protection installations
- Advise contractor production managers and supervisors regarding corrections to be made
- Prepare inspection and progress reports as well as reports of noncompliance
- Inspect materials and quality of work for conformance to specifications
- Observe civil preparation of right-of-way for conformance to contract agreement, verify depth, alignment and condition of trenches and depth of lifts and compaction.
- Examine surface of welds and reviews radiographs and other NDE results to detect surface and volumetric weld defects
- Witness liquid penetrant and magnetic particle NDE examinations

HMH Personnel Available

- Project Manager
- Chief Inspector
- Project/Construction Management Support (inspection/oversight)
- Program Development (Manuals and Procedures)
- Level III Radiographic interpreter
- NACE Coating Inspectors
- NACE Cathodic Protection Inspectors
- NACE Corrosion Technicians
- AWS Certified Welding Inspectors (CWIs)
- AWS CWI + NACE Coating Inspector
- API 510/570/653 Certified Inspectors
- NDE Level II Ultrasonic Phased Array (for corrosion or welding)
- NDE Level II MT/PT Certified Technicians
- Electrical Inspector
- Instrument and Control Inspector
- Mechanical Inspector
- Civil/Structural Inspector
- Experienced Engineering Personnel
- AutoCAD Staffing and Services
- Document Control Staffing and Services
- Refractory (API 936) Staffing
- Turnaround and Shutdown Inspection Support
- Receiving Inspection/Vendor Surveillance
- Safety Management
- Process Safety Management (PSM) Programs and Implementation
- Positive Material Identification (PMI)
- Risk Based Inspection (RBI)



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