



CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

OUR SOLUTIONS

EN Engineering offers comprehensive construction management and inspection services. Our highly-qualified team of inspectors and construction managers have decades of experience and tremendous knowledge of industry codes, government regulations, standards, and procedures. Our inspectors are assigned so their expertise and experience align with our clients' project needs, and they are certified and vetted using the strictest industry standards.

TYPES OF SERVICES

- Construction management
- Site management
- Project management
- Scheduling contractors & subcontractors
- Regulatory code and client-specific code compliance
- Site safety
- Tracking quantities for payment
- On-site project inspection
- Material logistics
- Confirm material suitability
- Field design revision
- Right-of-way coordination
- Permitting
- Agency & stakeholder coordination
- Record-keeping
- As-built documentation
- Watch and protect services for third-party excavators
- Operations support

TYPES OF INSPECTIONS

- Inspection management
- Pipeline inspection
- Welding inspection
- Utility inspection
- Coating inspection
- Civil/structural inspection
- Environmental inspection
- Pipe yard and material check-in/inspection
- Tank inspection
- Vendor & pipe manufacturer inspection
- Inspection support staff (field administration)
- Electrical & instrumentation inspection
- Automation & controls inspection
- Tapping & connection inspection
- Material specification inspection

TYPICAL DELIVERABLES

- Project scheduling
- Project progress reports
- As-built documentation
- Safety & incident reports
- Installation & payment records
- Trench soils analysis reports
- Condition assessments
- New services records
- Services retirement records
- Client-specific documentation
- Photographic documentation
- Jobsite resource tracking
- Summary reports



TYPES OF CLIENTS

- Gas distribution utilities
- Gas transmission pipelines
- Oil & liquids pipelines & terminals
- Privately-owned gas distribution facilities
- Electric distribution utilities
- Telecommunications utilities
- Petroleum refineries
- Petrochemical facilities
- Steel facilities
- Coke facilities
- Manufacturing facilities

QUALIFICATIONS AND TRAINING

EN Engineering's highly-trained inspectors offer tremendous knowledge in multiple disciplines, industry codes, industry standards, and client-specific standards. Many of our inspectors have experience operating and maintaining similar assets. Our inspectors are certified by API (API 1169), AWS (CWI, CPWI), and NACE (CIP level 1 and level 2) among other industry organizations.

Our low employee turnover rate ensures continuity, consistency, and quality for all projects. Our inspectors are selected to ensure their expertise and experience is matched to the requirements of your project. EN Engineering inspectors are available to facilitate any or all phases of your project. Our staff can be involved from day one or inserted along the way to improve the process.



Our winter training program for inspectors ensures a proper level of training going into the next construction season. This 3 day training program dives deep into many topics that our inspectors may encounter while inspecting projects. Some examples of topics covered:

- Safety
- Expectations of Inspectors
- Lessons Learned from Previous Work
- Excavation
- Over Pressure Protection
- HDDs
- Steel Pipe Installation
- Welding
- Plastic Pipe Installation
- Plastic Fusion
- Pressure Testing
- Customer Contact
- Commerce/Utility Commission Audits
- Client Standards/Expectations (when provided by client)

INSPECTION QUALIFICATION VIA:



Individual Operator
Qualification
Programs

QUALIFICATION VERIFICATION VIA:



SAFETY IS KEY

Training employees about workplace safety requirements is time and money well spent. An effective safety training program can result in fewer injuries, better morale, and fewer project delays.

EN Engineering's zero-accident goal represents a commitment to protect our most important resource... our people. We recognize that success is not an accident, and are fully committed to a safe work environment.

TYPES OF SAFETY TRAINING

- Trench/backfill safety
- Operator qualification
- Abnormal Operating Conditions (AOC)
- Client-specific training



COMPLEMENTARY SERVICES

- Integrity Services
- Design Services
- Pipeline Engineering
- Electrical Engineering
- Automation Services
- Industrial Solutions

TRAINING PROGRAMS BY

