



INSPECTION AND REPAIR WHEREVER YOU NEED IT

Periodic inspection is critical to helping prevent drillstring failures. DRILCO provides inspection services at the rig site and through a worldwide network of service centers.

We offer API-approved inspection services for drill collars, drillpipe, Hevi-Wate™ transition drillpipe, and other premium downhole tools. Our global network of service centers is strategically located to provide comprehensive coverage and support wherever your operations take place.

DRILCO
**DELIVERING
EXCELLENCE
AND INNOVATION**

Field and In-House Inspections

Wellbore Integrity Solutions (WIS) DRILCO on-site repair and inspection services help reduce tubular maintenance costs by eliminating unnecessary trucking and tool rental expenses. Our fully self-contained mobile units can be deployed to remote onshore and offshore locations to repair minor thread and shoulder damage on-site.

Customer in-house inspection services are also available at customer facilities, with DRILCO serving as an independent third-party inspection provider.

Using nondestructive testing (NDT) methods, DRILCO inspectors evaluate high-stress areas such as connections, slip areas, upsets, welds, radius changes, and tubular bodies at customer facilities and remote locations. Thread and shoulder repairs can be performed on-site to quickly return drilling tools to service. These field repair and salvage services help eliminate unnecessary trucking and rental costs while minimizing downtime.

In-Shop Inspections

DRILCO's worldwide network of service centers provides tubular inspection and repair services at major drilling locations around the globe. Equipped with advanced automated electromagnetic induction (EMI) and ultrasonic inspection systems, these facilities deliver fast, accurate, and high-quality inspections. Full-length dual-function EMI inspections are available throughout the network, while full-length ultrasonic inspections are offered at select DRILCO locations.

Following inspection, tubular products and downhole tools can be fully repaired within DRILCO machine shops. Whether the requirement is straightening, connection repair, or machining new connections, drillstring components are restored to drilling-ready condition.





Highly Trained Inspectors. Stringent Testing Methods.

ASNT Level II-certified DRILCO inspectors receive extensive training in the principles and techniques of oilfield inspection. Tools are marked “OK DRILCO” only after undergoing a thorough inspection process in strict compliance with API RP 7G, API Spec 7, API RP 5A5, DS-1, NS-2, applicable third-party standards, and customer-specific requirements.

Inspection Services

- Complete Thread Inspection (API-TI)
- Visual Inspection (VT)
- Dimensional Inspection (DI)
- Magnetic Particle Inspection (MT)
- Liquid Dye Penetrant Inspection (PT)
- Ultrasonic Inspection of Rotary Shouldered Connections (UT-RSC)
- Ultrasonic Inspection of High-Stress Areas and Tube Upsets (UTEA)
- Electromagnetic Inspection (EMI)
- Full-Length Ultrasonic Inspection (FLUT), available at select DRILCO locations

EMI Tubular Inspection System

Our EMI tubular inspection system utilizes computerized data acquisition, advanced signal-processing software, and a proprietary electronics package.

Features

- Digital data acquisition and display
- Dual-function defect detection for flaws and wall loss
- Recorded inspection data that can be easily viewed on most computers
- Fast and accurate system calibration
- Inspection rates up to twice the industry standard
- Automatic defect detection and location identification

Machine Shop Services

For both standard tubular connections and proprietary connections requiring licensing, DRILCO machine shop facilities are strategically located around the globe to provide rapid response and 24/7 support.

Tubular Management Services

Tubular management services provide inventory visibility, storage location management, and centralized maintenance programs that help reduce repair time and improve asset utilization.

Premium Hardbanding Services

DRILCO provides application-specific hardbanding solutions for both openhole and cased-hole drilling applications, increasing tubular durability and maximizing wear resistance.