



Wellbore Integrity  
SOLUTIONS

# RIG OR SHOP INSPECTION SERVICES

## Inspection and Repair in the Field or the Shop

Periodic inspection, which is important for prevention of drillstring failure, is available from DRILCO at the **rig site** and at **DRILCO service centers worldwide**.

We offer API-approved inspection services for drill collars, drillpipe, Hevi-Wate™ transition drillpipe, and other premium downhole tools through a worldwide network of service centers established to ensure **global coverage**.

**DRILCO**  
**DELIVERING  
EXCELLENCE  
AND INNOVATION**

### Field and In-House Inspections

Wellbore Integrity Solutions' (WIS) DRILCO on-site repair and inspection services reduce tubular maintenance costs by eliminating unnecessary trucking and tool rentals. Completely self-contained mobile units are easily transported to remote locations, on land or offshore, to repair minor thread and shoulder blemishes on-site.

Customer in-house inspection services are also available at any customer facility or with DRILCO acting as an in-house third-party inspector.

Using nondestructive testing methods, DRILCO inspectors check high-stress areas—such as connections, slips, upsets, welds, radius changes, and tubes—at customer facilities or remote locations. Field repair of thread and shoulder blemishes can be completed on-site to quickly return drilling tools back to service. These field repair and salvage services eliminate unnecessary trucking and rental costs.

### In-Shop Inspections

The worldwide network of DRILCO service centers provide tubular repair and inspection at most major drilling locations. Service centers—equipped with the latest automated electromagnetic induction and ultrasonic inspection equipment for fast, high-quality inspections—offer full-length, dual-function electromagnetic inspection. Full-length ultrasonic inspection is also available at select DRILCO locations.

After inspection, tubular products and downhole tools can be fully repaired at a DRILCO machine shop. From simple straightening, connection repair, or new connection machining, drillstem components are returned to drilling-ready condition.



**RED BARON**

**DRILCO**

**THOMAS  
TOOLS**



## Inspection Services

- Complete thread inspection (API-TI)
- Visual inspection (VT)
- Dimensional inspection (DI)
- Magnetic particle (MT)
- Liquid-dye penetrant (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 uses computerized data acquisition, signal processing software, and a proprietary electronics package.

### Features

- Digital data acquisition and display
- Dual-function defect detection of flaw and wall loss
- Recorded data that can be easily viewed on most computers
- Fast, accurate system calibration
- Double the standard inspection rate
- Automatic defect detection and location

For more information, contact your local WIS DRILCO sales representative: [wellboreintegrity.com/drilco](http://wellboreintegrity.com/drilco)

### Machine Shop Services

For common tubular connections or proprietary connections requiring licensing, DRILCO machine shop facilities are strategically located around the globe for fast response, 24/7.

### Tubular Management Services

Tubular management services provide tubular inventory visibility, storage location management, and centralized maintenance to reduce repair time.

### Premium Hardbanding Services

DRILCO provides application-specific hardbanding solutions for openhole and cased hole drilling that increase tubular durability and maximize wear resistance.

## Highly trained inspectors. Stringent testing methods.

ASNT Level II-certified DRILCO inspectors are trained extensively in the principles and techniques of oilfield inspection. Tools are marked “**OK DRILCO**” only after they have been thoroughly inspected following strict adherence to API-RP7G, Spec 7, RP 5A5, DS-1, or NS-2 specifications; third-party standards; and customer-defined requirements.

