



INSPECTION SERVICES

DRILL STEM ELEMENTS

TECSEP offers Drill Pipe and BHA inspections using advanced devices and methods with our expert and experienced staff. Inspection of new and used drill pipe is essential to detecting defects that originated either in manufacturing or during drilling operations.

Drill Pipe Inspection Categories are as mentioned below:

- API RP 7G-2.
- DS1 Category 1-5.



BHA INSPECTION

We can provide BHA inspection services in accordance with the latest API, DS1, Manufacturer and Customer standards.

- Visual Inspection
 - Visual Tube Body Inspection
 - Visual Connection Inspection
- Dimensional Inspection
- Magnetic Particle inspection – MPI
 - Blacklight Connection Inspection
 - Magnetic Particle Fluorescent Inspection of Elevator Groove and Slip Recess
 - Magnetic Particle Inspection Slip/Upset
 - Magnetic Particle Inspection of the Critical Area
 - Magnetic Particle Inspection Full Length of Sub's Having a Section Change
 - Magnetic Particle Inspection Full Length of Critical Areas on Kelly
 - Magnetic Particle Inspection Full Length of Drive Section
- Ultrasonic Inspection
 - UT Connection
 - UT Slip/Upset
- Liquid Penetrant Inspection
- Cleaning
 - Cleaning of Slip/Upset Areas with special steel wire brush
 - Cleaning of Threads with special steel wire brush
- Color Coding and Reporting



INSPECTION SERVICES

CASING AND TUBING

Our multiple inspection techniques provide valuable inspection data where casing or tubing integrity is critical to a wellbore. Casing is the major structural component of a well. Proper inspections are critical to ensure safe drilling and production programs, and optimization of your casing or tubing strings.

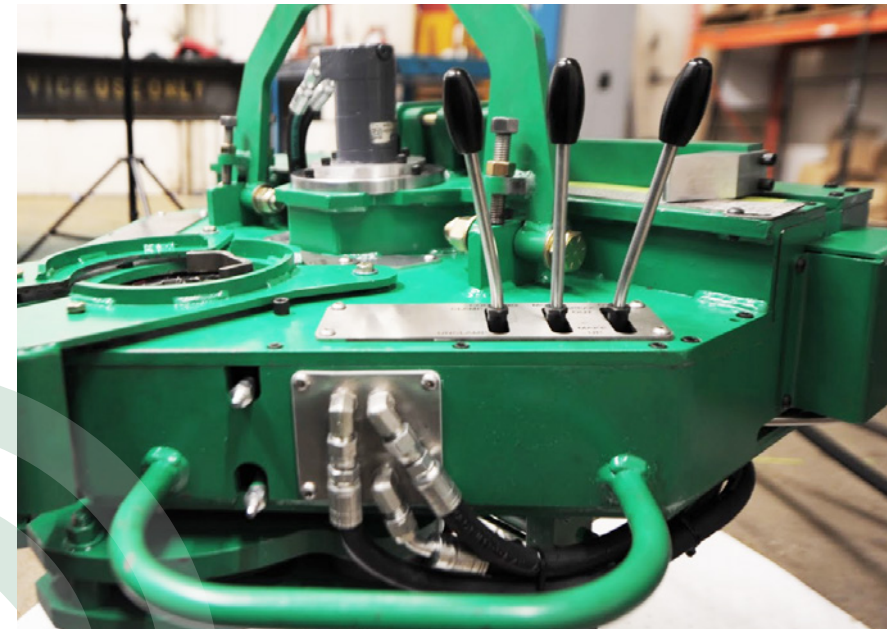
New or used Casing and Tubing inspection services includes:

EMI inspection, API full length drift, visual thread, UT weld inspection, hardness testing, bucking, I.D./O.D. cleaning, thread gauging and dimensional measurements.



HANDLING TOOLS AND SUCKER RODS

Our critical Inspection Process includes full length visual, Full body and end area MPI/EMI, MPI end area, computer generated reports, and coupling removal and replacement.





INSPECTION SERVICES

RISER

The type of Riser System employed in the Oil & Gas operations offers specific and often critical challenges. We provide comprehensive services throughout the life cycle of the riser.

We offer a one stop shop to our clients requiring inspection, transportation, maintenance and repair and storage services for marine drilling risers.

TECSEP's Drilling Risers Services from our facilities in Soyo includes:

- Offshore Inspections.
- Transportation Inspections.
- Land-based Storage and Preventive Maintenance, including. Full Inspection (Dimensional, Ultrasonic Wall Thickness, Magnetic Particle.
- Inspection, Ultrasonic Shear Wave Inspection, Dye Penetrant Inspection, Visual Inspection).
- Disassembly of Risers.
- Ultra High Pressure Water Blasting of Risers body and components prior to painting.
- Welding repairs and fabrication as necessary.
- Removal, Inspection and Replacement of Riser Line Seals (replacement parts to be provided by client).
- Dimensional Inspection of Riser Lines.
- Inspection and Replacement of Riser Collars, Thrust Collars and Plates (replacement parts to be provided by client).
- Inspection of Riser Coatings.
- Annual, Five-year, and Ten-year Inspections Reassembly.

