

Drilling Tools Inspection and Evaluation

Drilling Tools Inspection and Evaluation is to conduct nondestructive inspection and safety grade assessment for drilling tools and wellhead tools. It is an essential method for ensuring the safe use of drilling tools and wellhead tools, preventing failure and drilling accidents, improving drilling efficiency and reducing drilling costs.

Technical Feature

- Apply various nondestructive inspection methods to inspect crack, corrosion, wall thickness reduction, etc.
- Provide professional inspection schemes according to customer needs.
- Ability to implement domestic and international inspection standards to meet management requirements of oilfields around the world.
- Independently develop special inspection equipments with 8 authorized patents.

Scope Service

- Drilling tools inspection program design
- Drilling tools inspection and classification
- Tools function inspection

Qualification

- APIQ2/DNV·GL/CNAS/CMA
- 32 employees with the qualification of American society for nondestructive testing (ASNT) and 80 employees with the qualification of Chinese society of NDT (ChSNDT)
- 260 sets of various inspection equipment, such as automatic cleaning, pipe-body leakage flux, ultrasonic, magnetic powder, phased array and acoustic emissio
- 5 professional management teams for company operation and 12 inspection teams

Service Performance

- Provide wide services for oil and gas fields in China. Total inspection pieces of various drilling tools and wellhead tools exceeds 9 million.
- Inspect 800,000 pieces of drilling tools and wellhead tools in Central Asia, South America and Middle East.
- General contractor of drilling tools inspection for CNPC Tarim Oilfield Company and Yumen Drilling Company of West Drilling Engineering Co. Ltd. Inspect drilling tools exceeds 450,000 pieces per year.

