



شركة خدمات منع التآكل (إن دي تي)  
NDT CORROSION CONTROL SERVICES CO.



## Upstream Inspection Division

OCTG Inspection | Tubular Inspection | Lifting Inspection

[www.ndtcorrosion.com](http://www.ndtcorrosion.com)

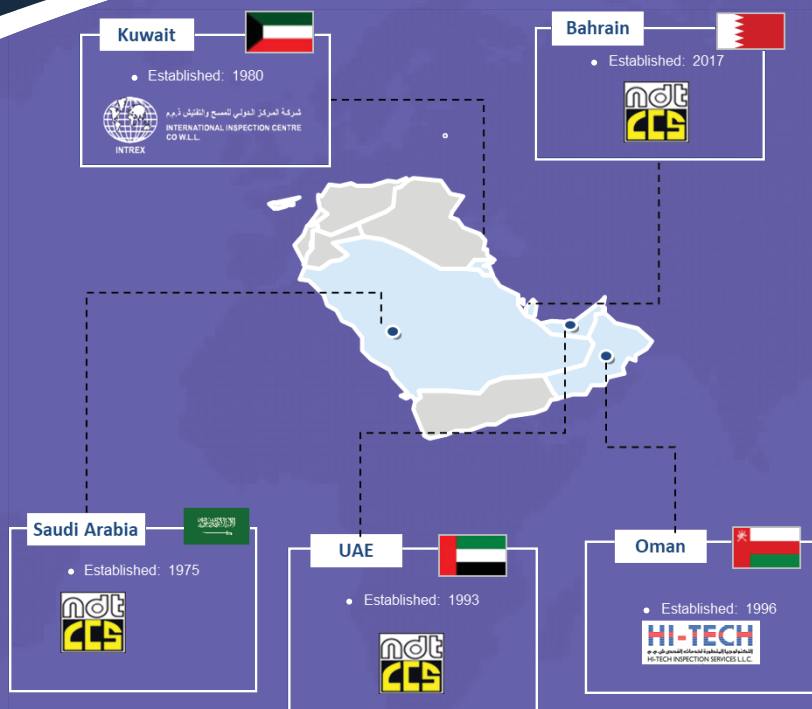
## Company Profile

- Established in 1975 and headquartered in Dammam, NDT CCS is the leading NDT & Inspection company in the GCC region, holding the #1 position in KSA with a well-established presence in the UAE and Bahrain markets.
- In 2015, Investcorp acquired a 75% stake in the Company from Al Shuwayer family who retained the remaining 25% stake.
- In 2017, NDT CCS acquired Hi-Tech Inspection Services in Oman, the #1 NDT & Inspection company at Oman.
- In 2019, NDT CCS acquired International Inspection Centre (Intrex) in Kuwait, #1 NDT & Inspection company at Kuwait.
- Company operates in project contracts through EPC and construction companies and in Maintenance Service contracts directly with the major asset owners.
- A wide range of services include Advanced NDT, Conventional NDT, Testing Laboratory, OCTG/Tubular Inspection, Heat Treatment, Lifting Inspection, Rope Access, etc.
- Company currently employs ~3000 staff across the region.

## Our Mission

We take more personal approach to customer service that not only tends to our customer need but also integrates them into our organization. We listen to their needs, make their priorities as ours, and aspire to be the trusted partner. Our goal is to achieve complete customer satisfaction.

### Regional Foot Print



# Our Services

OCTG/Tubular Inspection

Lifting Gear Inspection Services

Advanced NDT Services

Conventional NDT Services

Mechanical/Metallurgical Testing





## OCTG/Tubular Inspection Services

NDT CCS specializes in providing a combination of OCTG inspection of Bottom Hole Assemblies, Drill Pipes, Tubing and Casing, Hoisting and Handling Tools, Load Testing and other engineering services.

### Drill Pipes

Drill Pipes Inspection is set at regular intervals depending on drilling conditions and past failures experienced. For Drill Pipes Inspection NDTCCS uses New Tech Systems, Electromagnetic Inspection Units (EMI), VEDAQ 2000-C with wall loss monitor. These Units can inspect 2 3/8" up to 6 5/8" OD drill pipe. The set standards will conform to API RP7G, T.H. Hill DS1 or any other standards nominated by the client. In addition to tubular body inspection, thread inspection is carried out both visually and dimensionally for API and premium connections.



### Bottom Hole Assemblies

Bottom Hole Assembly (“BHA”) inspection consists of inspection of drill collars, heavy weight drill pipe, cross over subs, stabilizers, reamers and bit subs. The inspection of bottom hole assemblies includes wet, fluorescent, Magnetic Particle Inspection of threads and upset areas, Visual Inspection of threads for mechanical damage, over torque. Dimensional check of thread components, field repair as well as thread profile, and lead check of threads. BHA inspection will conform to API RP7, T.H. Hill DS1, or any other standards nominated by the client. Inspection equipment is mobile, and inspection can be done at the rig site or at the client’s yard. NDT CCS can field reface common rotary-shouldered connections if required. Minor damage to the seal area can be removed with Prefacing to set limits. Damage beyond set limits requires shop repair.



## Tubing & Casings

NDT CCS can perform Visual Inspection of the body (and thread) to identify external damage and full-length drifting of the tubular structures. Additionally, maintenance services, like cleaning, coating, hardness testing, thread-gauging and ultrasonic wall-thickness measurement are conducted by NDT CCS experienced technicians.

- Casing & Tubing Inspection
- Internal & External Cleaning Services
- Premium Connections/API Connections Inspection
- Visual Thread Inspection
- Visual Body Inspection
- Full Length API Drifting
- End Area Inspection
- EMI Inspection

Those inspection of Drill Pipe, Casing, Tubing or MWD/LWD tools are usually performed based on the international Standards such as API RP7G, API 5CT, API 5B, API 5L, DS-1

- Heavy Weight
- Drill Collars
- Subs
- Stabilizers
- Fishing Tools etc.

## BHA Inspections Covers

- Dimensional Inspection
- MPI Examination
- Dye Penetrant Inspection
- Ultrasonic Wall Thickness
- Refacing

We also offer services, which includes Magnetic Particle Inspection (MPI) of drilling rig mast, sub base, pipe elevators, slips, tongs, sheaves, welded areas of high-pressure lines and various other hoisting and drilling equipment. Most of the above items are inspected utilizing A.C. Yoke magnetic flow technique.



## Lifting Gear Inspection

NDT CCS can perform all lifting gear inspection requirements as per LEEA as well as customer specific requirement.

- Tubular Handling Equipment Inspection
- Manual Tongs
- Safety Clamp
- Slips
- Offshore Pedestal & Mobile Cranes
- Overhead Hoisting Device
- BOP Hoist
- Man riding Baskets
- Spreader Beams
- Life boat & Life rafts Davits
- Containers, Skids, Frames
- Crown Block Sheave
- Barrel Lifters/Pallet Lifters
- Elevator Links
- Pad eyes
- Wire Rope Sling
- Webbing Sling
- Load Tests
- Casing Stabbing Board
- Derrick Escape Device



## Handling and Hoisting Tool Inspection Services

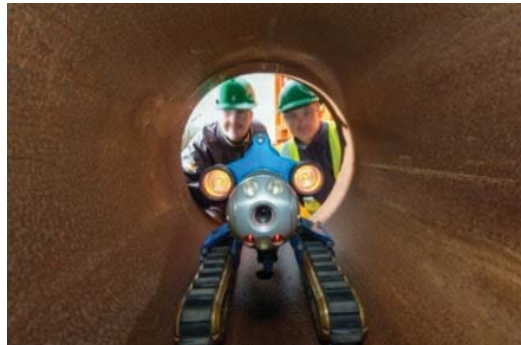
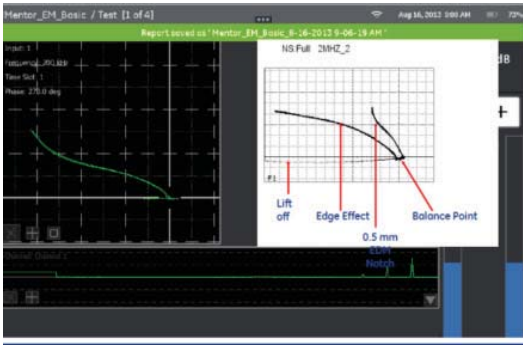
A spectrum of tools including, but not limited to, hooks, traveling blocks, tongs, elevators, links, swivels, and clamps are inspected. Techniques employed include Visual Examination and Magnetic Particle Inspection on critical areas, generating integrated computerized reports.





## Advanced NDT Services

- TOFD
- Phased Array UT
- Automated Corrosion Mapping
- Electro Magnetic Acoustic Transducer (EMAT)
- High Temperature Automated Corrosion Mapping (Up to 350°C)
- Acoustic Emission Testing (AET) – Vessels
- High Temperature PAUT (up to 350T)
- AUT Zonal Examination
- Short Range UT
- Non-Metallic – PAUT
- HT HA Detection and Sizing
- MIC-Detection and Sizing
- Robotic Video Crawler
- HIC/SWC Detection and Sizing
- Eddy Current Testing
- Eddy Current Array (Tubular and Surface)
- Near Field Array
- Remote Field Eddy Current Testing (RFET)
- Magnetic Flux Leakage – Floor & Tubular Scanning
- Internal Rotary Inspection System (IRIS)
- Thermography/Infrared Imaging
- Boroscope Inspection
- Digital Radiography
- Helium Leak Detection
- Robotic Crawler
- Gamma Scanning Services
- Drone Inspection



## Conventional NDT Services

- Ultrasonic Testing
- Radiographic Testing (X-Ray, Gamma Ray)
- Digital Radiography (DR System)
- Radiographic Testing SE-75 Close Proximity
- Magnetic Particle Testing
- Liquid Penetrant Testing
- Positive Material Identification (PMI)
- Telebrinell Hardness Testing
- MIC-10 Hardness Testing

## Mechanical/Metallurgical Testing Services

- Failure Analysis
- Fitness for Service Analysis
- In-situ Metallography
- Charpy Impact Testing
- Tensile Testing
- Vickers, Rockwell Hardness Testing
- Bend Test
- Fillet Weld Break Test
- Nick Break Test
- Micro / Macro Examination
- Chemical Analysis
- Water Analysis

## Other Services

- Post Weld Heat Treatment
- Pre-Heat Treatment
- Ferrite Measurement
- Cathodic Protection
- Welder Qualification
- Third Party Inspection
- Vacuum Box Leak Test
- Inspection Manpower Supply





## Our Capabilities



3000 plus total employees



22 ASNT Level III



5 BINDT PCN Level III



2500 plus Level II Technicians



80 plus Certified Inspectors



2700 plus equipment



40 plus TOFD/PAUT ANDT equipment



10 plus AUT pipe wizard equipment



250 plus UT equipment



225 Radioactive Isotopes

## 25+ Customer Credentials



# Our Major Clients

## Asset Owners/Operators



## EPCS/ Contractors



**ISO Certification**

**Quality Management System**

ISO 9001:2015

**ISO Certification**

**Environmental Management System**

ISO 14001:2015

**ISO Certification**

**Occupational Health and Safety Management System**

OHSAS 18001:2007

**IRATA**

**Rope Access Certification**

Industrial Rope Access Trade Association

**LEEA**

**Heavy Lifting Equipment Inspection**

Lifting Equipment Engineers Associations

**SAUDI ARAMCO**

**Vendor Number**

10005790

**International Accreditation Service (IAS)**

**Testing Laboratory Accreditation**

ISO 17025:2005



## Contact Details

### Group Head Office

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