



# Euro **NDT** Inspection

## Who we are - What is NDT

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The field of Nondestructive Testing (NDT) is a very broad, interdisciplinary field that plays a critical role in assuring that structural components and systems perform their function in a reliable and cost effective fashion. NDT technicians and engineers define and implement tests that locate and characterize material conditions and flaws that might otherwise cause planes to crash, reactors to fail, trains to derail, pipelines to burst, and a variety of less visible, but equally troubling events. These tests are performed in a manner that does not affect the future usefulness of the object or material. In other words, NDT allows parts and material to be inspected and measured without damaging them. Because it allows inspection without interfering with a product's final use, NDT provides an excellent balance between quality control and cost-effectiveness. Generally speaking, NDT applies to industrial inspections. The technologies that are used in NDT are similar to those used in the medical industry, but nonliving objects are the subjects of the inspections.

The company S.C. Euro NDT Inspection S.R.L. was set up during the year 2010 with first office in Romania. The activity field of the company is inspection and testing services for oil and gas, car manufacturing , naval construction and railway industry.



An important element of all works performed by Euro NDT Inspection is quality assurance, for services complying with specifications according to industry standards and agreed with customers and offering them a high satisfaction degree. Euro NDT Inspection asks from every employee to apply this ethic during daily activities and asks that certain procedures, fundamental for its business, to be implemented without deviation.

# ServiceLine



Euro NDT offers following Services from Romania

## Drill pipes

In accordance to NS-2, DS-1 volume 3, API Spec 7-1 (-2)

- \*Include visual inspection,
- \*Dimensional measurements,
- \*Wet-fluorescent magnetic particle inspection of connections,
- \*Internal plastic coating inspection,
- \*OD Gauge,
- \*Wet magnetic particle inspection of end areas,
- \*Ultrasonic end area inspection,
- \*Full Length Ultrasonic Inspection,
- \*Ultrasonic wall thickness measurement,
- \*Full length electromagnetic tube inspection,
- \*Internal upset measurement,
- \*Hardband Inspection



## HWDP

In accordance to NS-2, DS-1 volume 3, API Spec 7-1 (-2)

- \*Visual inspection,
- \*Dimensional measurements,
- \*Internal plastic coating inspection,
- \*Hardband inspection,
- \*Wet-fluorescent magnetic particle inspection on
- \*Connections and end areas plus center upset,
- \*End area and centre wear pad inspection,



## BHA: Drill Collars, Stabilizer, Subs

In accordance to NS-2, DS-1 volume 3, API Spec 7-1 (-2)

- \*Visual inspection
- \*Dimensional measurements
- \*Wet-fluorescent magnetic particle inspection on connections and body
- \*Magnetic particle inspection of Elevator and slip grooves (on Drill Collar)
- \*Blade Inspection on stabilizer
- \*Float Valve inspection on filters and float subs.



## Fishing

In accordance to NS-2, DS-1 volume 3 & 4, API Spec 7-1 (-2)

- \*Visual inspection
- \*Dimensional measurements
- \*Magnetic particle inspection of connections
- \*Magnetic particle inspection of bodies





### **Jars, Accelerators, Motors, MWD/LWD**

In accordance to NS-2, DS-1 volume 4, API Spec 7-1 (-2)

- \*Visual inspection
- \*Dimensional measurements
- \*Magnetic particle inspection of connections
- \*Magnetic particle inspection of bodies
- \*Visual and dimensional inspection on Chrome sections/ sealing areas, valve areas, etc



### **Tubing & Casing**

In accordance to API Spec. 5CT, API RP 5C1. 5B, 5A5, 5A3

#### ***New tubing and casing***

- \*Visual
- \*Calipers
- \*Hydrostatic
- \*Electromagnetic
- \*Magnetic particle
- \*Ultrasonic
- \*Hardness testing

#### ***Used tubing and casing:***

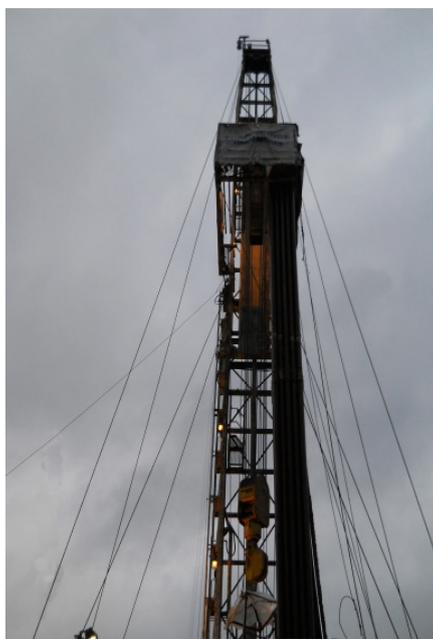
- \*Visual,
- \*Electromagnetic,
- \*Ultrasonic, and gamma ray or true wall detection.
- \*Measurement of Pipe Wall (Minimum Wall),
- \*Pipe wall reduction on ends,
- \*Threads Inspection
- \*Pin Cone Reduction



### **Rig and Handling Tools Inspection**

In accordance to MANUFACTURER/CLIENT procedure and API Include substructure and derick inspection, hook, traveling, and crown block, deadline anchor, elevator links, Drawworks, Rotary table, Brake and Anchoring System, Rotary Swivel, mud line.

Handling Tools: Elevators (all), Slips (all), Safety clamp, Manual Tong, Power Tong, Spiders



### **Lifting: Slings, Shackles, Cables, Air winch's, Casing stabbing board Containers, Baskets, Pad Eyes, Bow Shackles**

In accordance to BS EN 12079-3,

### **General NDT Inspection for steel and welds,**

In accordance to ASTM E 709, BS EN 11666, BS EN 23279, BS EN 12668-1, BS EN 1330-4, BS EN 60317-13, BS EN ISO 17637, BS EN ISO 17640, BS EN ISO 17638, ISO 5817, BS EN ISO 23278, BS EN 12385-4, BS EN 13411-1 to 3, BS 3551, etc

### **Welding Inspection in Accordance to AWS Certification**

# Experience & People

With People to Success

Training Internal: Euro NDT QP-12

Training External: Talon NDT Limited, <http://www.talonndt.co.uk/>

People: Over 20 years North Sea Experience

Level II + I Inspectors

Basic Offshore Safety Induction & Emergency Training / OPITO

VCA Certificate, B-VCA & VOL VCA

Specifications DS-1, NS-2 & API or per customer requirement



## Non Destructive Testing DS-1 (NDT)

- (VI) Visual Inspection.
- (MPI) Magnetic Particle Inspection.
- (EMI) Electromagnetic Inspection.
- (PT) Liquid Penetrant Test.
- (UT) Ultrasonic Test, Ultrasonic wall thickness gauging.
- (EMI) Electro Magnetic Inspection

NS-2 covers many areas of drill string inspection not currently covered by other inspection standards such as:

- High torque connections
- Specialised drilling equipment
- Automated thread inspection
- Receipt inspection for new drill pipe
- Fishing and milling tools
- Specific inspection frequency guidelines
- Internal plastic coating on drill pipe
- Chrome alloy hardbanding



# Reputation

## Our Clients

Odfjell Well Services  
PetroSantander Romania  
Schlumberger  
Smith International Romania  
Pathfinder  
M-I Swaco  
Weatherford International Eastern Europe  
OMV - Petrom  
ROMPETROL SA  
HALLIBURTON

Foraj Sonde Craiova  
AMC Oil & Gas  
Drillmec Rom Technologies  
TACROM  
Baker Hughes International  
Tesco Corporation (UK) LDT  
IOT DOSCO  
Foraj Sonde Targu Mures  
Dafora SA  
Tubex  
Timken



# Technology

## Certified - Integrated Management System

Euro NDT Inspection is certified by TUV Thüringen and Det Norske Veritas for the management system according to :

- ISO 9001:2008
- ISO 14001:2004
- BS OHSAS 18001:2007
- Full Member of LEEA - Lifting Equipment Engineers Association



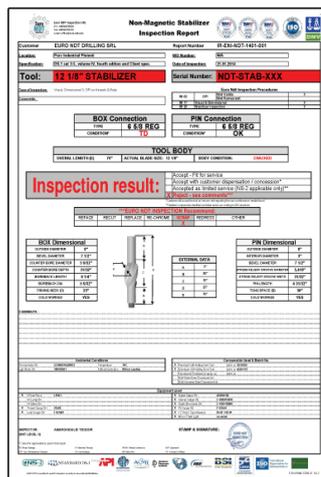
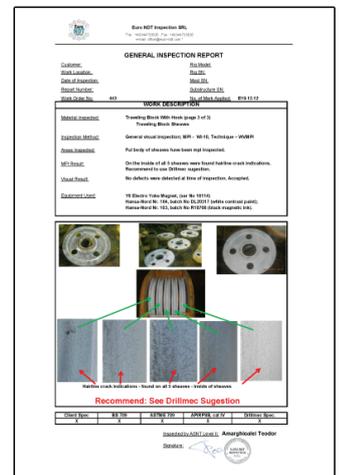
## Increased Efficiency with Paperless Reports

### Features

- PDF formatted digital reports transmitted via e-mail
- Wireless data entry via FTP client

### Wireless Benefits

- Instant digital reports
- Improved quality control
- Wireless entry from any site



STANDARD DS-1



International Organization for Standardization



American Petroleum Institute

# QHSE Policy

Our long-term business success depends upon the ability to continually improve product and service quality while protecting people and the environment. Emphasis must continually be placed on human health, operational safety, environmental protection, quality improvement, and community goodwill. This commitment is in the best interest of all our stakeholders: customers, shareholders, employees, contractors, suppliers, and the communities where we live and work.

## Vision

To be recognized in our industry as a global leader in QHSE Performance.

## Mission

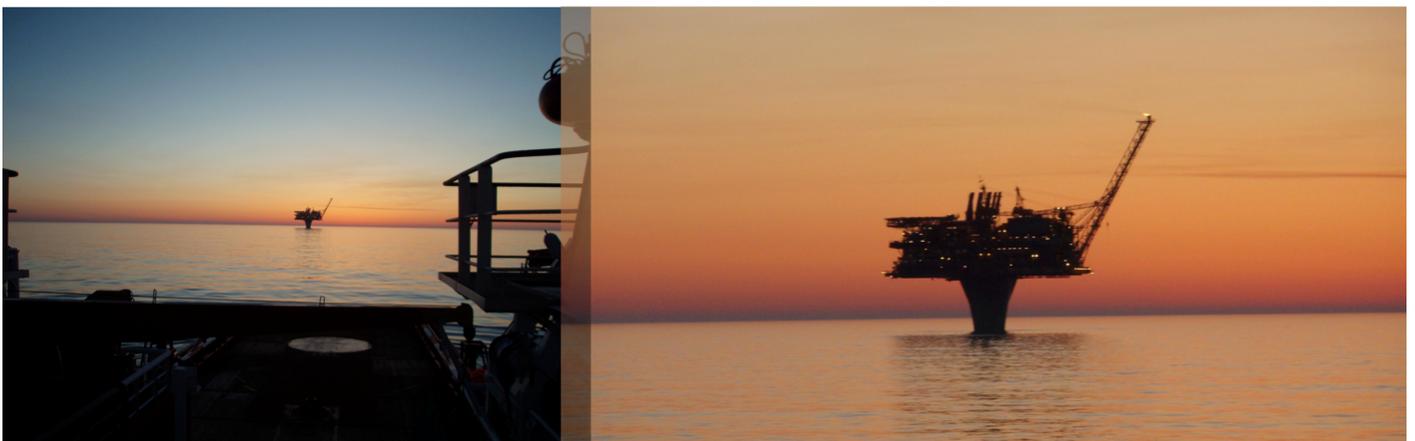
To educate and influence employees and stakeholders so they embrace QHSE policies, standards, and procedures.

To develop a culture in which QHSE is a core value.

To ensure that all our business activities are carried out in a healthy, safe and environmentally responsible manner.

To continually improve our products, services, and QHSE performance.

To give QHSE goals and results the same importance as other company objectives.



We are committed to the continual improvement of our Integrated Management System. To ensure continuing relevance, effectiveness and efficiency in meeting the business' objectives and our customer's needs and expectations.



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