



**HEISCO**

# NDT SERVICES





**HEISCO NDT Services has grown rapidly and evolved to a center of excellence capable of providing a wide array of:**

**Non-Destructive Testing (NDT), Heat Treatment and Third Party Inspection services**



## **WHY HEISCO NDT SERVICES ?**

### **1- Trained, Qualified & Certified Personnel having following qualifications**

- ASNT NDT Level- I / II / III
- PCN NDT Level- I / II
- CSWIP 3.1 / 3.2
- AWS – CWI/SCWI
- API 510, API 570, API 653
- NACE Level 1, 2 & 3
- BGAS Gr 1 & 2
- Lead auditors in QMS, OHSAS & EMS

### **2- State of the art equipment & facilities.**

**3- We are in the industry of Oil & Gas construction, Industrial Maintenance, Shipbuilding & Ship repair and manufacturing pressure vessel, etc.**

**4- Functioning in accordance with ISO 9001, OHSAS18001, ISO14001 & ISO17025 requirements.**

**5- Offering independent and impartial testing and inspection services**





## OUR SERVICES :

### 1- Non Destructive Testing :

#### 1- Conventional NDT Techniques :

- Radiography Testing (RT)
- Ultrasonic Testing (UT)
- Magnetic Particle Testing (MT)
- Liquid Penetrants Testing (PT)
- Visual Testing (VT)
- Electromagnetic/ Eddy Current Testing (ET)

#### 2- Special NDT

- Computed Radiography Testing (CR)
- RT Film Digitization
- TOFD UT
- Phased Array UT (PAUT)
- Tube Inspection (ECT,RFET,IRIS,MFL)
- Tank floor Inspection using MFL
- Videoscope Inspection
- In-situ Metallography
- Infrared Thermography
- Holiday Test
- Vacuum Box Test
- UT Thickness Gauging

### 2- Heat Treatment Services :

- Pre-heating / Hydrogen bake out using electrical resistance coil method
- Local PWHT using electrical resistance coil method
- PWHT of the whole equipment or parts in electrical furnace
- PWHT by internal oil firing method
- PWHT of the whole equipment or parts in high speed diesel fired furnace
- Normalizing



### 3- Third Party Inspection Services :

- Supply of Third Party Inspection Engineers, Inspectors & Technicians.
- Visual & Dimensional inspection
- Welding inspection
- Welder qualification inspection
- Development of WPS, PQR etc.
- Fire proofing inspection
- Structural inspection
- Gas cylinder inspection
- Storage tank inspection





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