

## Job Description

Job Title:	NDT Technician
Job Location:	Duhok

Report to:	Inspection Supervisor
Direct report from:	N/A
Key interactions:	Head of Inspection, Field Manager

### Key Responsibilities:

- Perform Non-Destructive Testing (NDT) and visual inspection on facilities (Pressure vessels, Heat Exchangers, Fire heaters, Boilers, Flares, Tanks, Piping and pipelines), as per inspection plan validated by inspection supervisor.
- Prepare NDT inspection reports and submit them to Inspection Supervisor for review and approval.
- Execute NDT inspection activities such as thickness measurement survey, corrosion mapping and flaw detection by UT scanning, Magnetic Particle inspection etc. specified by the Inspection plan & procedure and reports all the information in the report.
- Prepare all isometric drawings when required to perform necessary NDT.
- Report any new base lines which were not updated in the inspection plan and carry out necessary inspection to update Integrity Monitoring Database (EPICOR) CMMS system.
- Carry out NDT activities in accordance with company procedure and international standard.
- Carry out Cathodic protection potential surveys on rectifiers and test posts.
- Updates the NDT inspection activity planning in coordination with the Inspection Supervisor.
- Maintain the inspection tools in accurate and good condition and report if any defect or repair
- Maintain and update the documentation related to inspection such as NDT inspection reports, Equipment's calibration reports, monitoring reports and ensures historical data integrity.
- Provide training and hand on training on NDT to local national employees to be put as trainee.
- Ensures that inspection activities are performed as per plan in a cost-effective manner and in compliance with HSE policies and rules.
- Perform NDT activities and ensure their compliance with Company safety rules & policies and the current state of the act.

### Required Qualifications & Experience:

- Diploma or Degree in Engineering with minimum of 5 years practical experience in UT weld scanning, thickness gauging, corrosion mapping and performing UT, MT and PT of

static equipment, piping & pipelines in Oil and Gas Industry.

- PCN Level II or ASNT level II in Ultrasonic testing (UT), Magnetic particle Inspection (MPI), Penetrant Testing (PT), Radiographic Testing (RT) and RT Film Interpretation.
- Holding of Welding certifications (CSWIP / AWS) preferred but not mandatory.
- Required knowledge of metallurgy / welding techniques, corrosion, non-destructive tests (ultrasonic, dye Penetrant, Radiography, etc.) and NDT standards.
- Ability to read and understand drawings (P&ID, ISO etc.) to carry out NDT jobs and preparation of reports. Familiar with international Codes and Standards.
- Proficiency in M.S. Office, MAISY / EPICOR (CMMS) etc.
- Good knowledge of written and spoken English

**Key Attributes:**

- Team working, Hardworking, Flexible
- Must be honest in his work
- Make positive contribution to day to day working
- Good communication