

Job Description

Job Title:	Head of Inspection
Job Location:	Duhok

Report to:	Production Operations Manager
Direct report from:	NA
Key interactions:	Production Operations Manager, Field Manager

Key Responsibilities:

- Conduct internal, external, planned, unplanned and shutdown inspections and Maintenance work on all static equipment/facilities (columns, Separators, heat exchangers, Boilers, Pressure vessels, flares, Heaters, tanks, Valves and piping) and to compile the written reports on its findings and recommendations puts in repair recommendations to user departments.
- Carryout corrosion coupon retrieval, coupon weighing and corrosion rate calculation, cathodic protection operating parameters reading & status monitoring.
- Analyses the findings from the inspection activities, calculate corrosion rate, fix inspection frequency and issues comprehensive Inspection reports with recommendations including the action parties with target date.
- Register and inspection planning of all static equipment like Vessels, tanks, PSV, Piping, Pipeline and Lifting Equipment and etc.
- Familiar with risk-based inspection (RBI) assessment to determine risk, including a systematic evaluation of both the probability and consequence of failure in accordance with API 580.
- Carry out level 1 and 2 Fitness For Service (FFS) for corroded and pitted equipment's, piping and pipeline as per API 579 and other relevant code requirement
- Maintain permanent and progressive records of all pressure vessels, tanks, piping, pipeline and pressure relieving devices, including adding new information pertinent to the operation, inspection, and maintenance history of the equipment.
- Ensures integrity of the facilities.
- Ensure the new facilities are updated in the register and inspection planning in place.
- Updates the inspection activity planning in coordination with Field Manager and Production Manager
- Supervises of new works and modification on process facilities in terms of QA, inspection and corrosion wise.
- Maintains and updates the documentation both electronic as well as hard copies related to inspection such as inspection reports, PSV calibration certificates, monitoring reports and ensures all historical data integrity.
- Makes recommendation to improve and optimize Inspection tasks.
- Develop and ensure application of Inspection procedures.
- Manages and optimizes Inspection and Corrosion spares stock (definition of min /max stock).
- Prepare scope of work or service for specific Inspection activities like Cathodic Protection, Intelligent Pigging, Long Range Ultrasonic Thickness (LRUT) and etc
- Evaluation and training of subordinates and Nationals
- Provide good technical support to subordinates and supervise their Job effectively.
- Contribute to the improvement of the Competencies, the sharing of experience and the

technical know-how.

- Participates to Inspection and corrosion engineering of new projects request
- Ensures that inspection activities are performed as per plan in a cost-effective manner and in compliance with company HSE policies and rules.
- Ensure all required Inspection Procedures are prepared and approved.

Required Qualifications & Experience:

- Bachelor degree in Metallurgy / Mechanical Engineering with minimum of 15 years' experience in In-service inspection and Shutdown inspection activities in Oil & Gas fields.
- Training and Certification in plant inspection (API 510, API 570 & API 653), Welding (AWS/CSWIP), NDT (ASNT level 3 / 2), Painting (NACE / BGAS-CSWIP) and etc.
- Experience in Corrosion monitoring and Cathodic Protection System in Oil & Gas field.
- Good knowledge of Metallurgy, Welding techniques, Corrosion, Corrosion monitoring, corrosion related damage mechanisms, base metals, filler metals, heat treatment, Painting and Coating, Cathodic Protection and Non-Destructive Testing (NDT).
- Knowledge of advance NDE methods like Auto UT, LRUT, TOFD, Phased Array UT.
- Familiar with international Codes and Standards like API, ASME, AWS, BS & BS / EN, NACE& etc
- Proficiency in M.S. Office, MAISY (CMMS) / EPICOR and etc.
- Good knowledge of written and spoken English
- Good ability to work in a multi-cultural environment.

Key Attributes:

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