

Asem Mohamed

API inspector , QC engineer , Mechanical engineer



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Sudan – Khartoum

Using different type of inspection (internal , on-stream , external) according to API standards with working knowledge of ASME Sec VIII , ASME Sec IX, ASME Sec V, ASME B31.3 . B16.5 . Also witnessing , recording , reporting and deal with problem arising together with my member as the team . I have knowledge , experience , skills and discipline to help your business stability

Education

Sudan University of Science and Technology – School Of Mechanical Engineering

*Bachelor Degree at Mechanical Engineer (honor)
Sep 2013*

Certifications

- *API - 570 Piping Inspector (92849) Expiration Date 30-Nov-2022*
- *API - 510 Pressure Vessel Inspector (93467) Expiration Date 31-Dec-2022*
- *API - 653 Above ground Storage Tank Inspector (93810) Expiration Date 31-Jan-2023*
- *API - 571 Corrosion and Materials (94808) Expiration Date 28-Feb-2023*
- *API - 580 Risk Based Inspection (93084) Expiration Date 31-Dec-2022*

Work experiences

- *Considering safety regulation and client requirements*
- *Reviewing the previous inspection history before performing inspection activities*
- *Preparing inspection procedures for internal , external and on-stream inspection of static equipment*
- *Reporting and oversee the day to day completion plan schedule*
- *Analyzes inspection findings , prepares reports and recommendations based on inspection findings*
- *Coordinate inspection activities and ensuring inspection code compliance*

ESD group – NDTLC department , Sudan

API inspector

Nov 2018 - Now

- *Completed one year trainee then I was chosen to become API inspector*
- *Shall conducted inspection for tanks , vessel , pipes according to API's standard*
- *Al-jabalian shutdown CPF (central process facilities) , at the Repair Phase-II Project the client name PDOC Pipeline*
- *Witness internal inspection for one tank , on-stream inspection for pipes have 32 in diameter , heat exchanger , ensure NDE task compliance procedures*
- *Dividing pipe into circuit depend on process stream , similar damage mechanism then determine suitable NDE testing and CMLs*

On-line courses

I usually Build my skills with courses from top expertise

- *Working in Confined Spaces*
- *Personal Protective Equipment Awareness*
- *Safety Data Sheet Awareness*
- *Working at Height Safety*
- *Hazard Communication Awareness*
- *Welding Health and Safety*
- *Basic Inspection Methods*

Courses

CWI preparation course (15 days)

Report Skills certificate (24 hours)

Skills

- *Familiar with computer general usage beside engineering software*
- *Estimate completion and update plan tasks*
- *Good practical and technical skills*
- *Communication skills*
- *The ability to work quickly and under pressure*
- *Good problem-solving skills*
- *Understanding and implementing safety policies*
- *Understanding drawings and other technical instructions*

Exhibition

- *Engineering Week Exhibition, Sudan*
- *Certificated as significant graduate project , Sudan*

- *Prepare the final inspection report containing suitable recommendations , NDE result interpretation*

Saria international Co LTD , Sudan

Feb 2015 – Sep 2018

Early at my career path I used to apply in different engineering position . then , during my works in this company I occupied this position

QC engineer – about one year

Definitely , I had enough aware about production process , then from final product I can noticed any machine need more attention also modified maintenance plan

- *Assessment my team member performance in order to motivate them by the company's KPI , also assessment the machine availability*
- *Check for the coming spare part compliance with specification , and dual check the spare part at the store and ensuring it in right place*

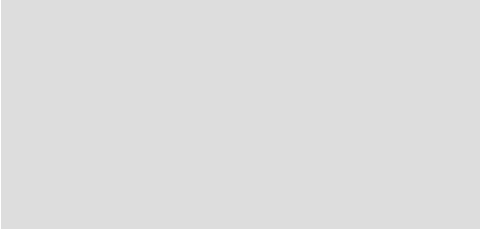
Supervisor – about one year

Guiding to implementing maintenance plan and providing enough technical support to my team , also re-scheduling deferral maintenance task

- *Take responsibility for the employees safety and performance under the the maintenance department (lead 6 technician)*
- *Supporting teams member and review the maintenance manual before stating tasks*
- *Ordering resources required before suitable period of time to conduct preventive maintenance on schedule*
- *Organizing and prioritizing maintenance duty according to company's workloads within a schedule*
- *Preparing preventive maintenance plan and discuss it at meeting with my team member then illustrate tasks and separate the duties*

Mechanical engineer

At this position I had direct contact with machine using a tools box to repair or replace machine parts according to maintenance manual and I was supported by supervisor

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- *Maintaining and repairing all machine to do it function efficiently and safely*
 - *Perform routine maintenance inspection of equipment to identify problem at timely planned thus prevented breakdown time*