

101296-MMP-14QVW-E-2007
Senior Piping Inspection Engineer

Holds a B. Sc. in Metallurgy & Material Science Engineering and has about 14 years hands-on experience working in piping / welding inspection and QA/QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1984
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Metallurgy & Material Science Engineering, Suez Canal University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Adobe Acrobat Reader Professional
: Project management software

TRAINING COURSES AND CERTIFICATIONS

: Certified API 570 Piping Repair and Alteration (Cert. No. 69450).
: Certified welding inspector (CWI) (Cert. No. 14040821).
: Certified ASNT-NDT Level II according to "ASNT-TC-1A" Level II (RT / PT / UT / MT).
: Awareness ISO 9001:2015 QMS lead Auditor according to the Technique and requirements of ISO 9001:2015 QMS.
: Awareness Course in the following code sections: ASME B 31.1 & B31.3, ASME IX, ASME II, ASME V.
: Awareness Course API Inspection in the following code sections: API 650, API 620, API 1104.
: Confined Space.
: Working at Heights.
: Firefighting.
: H2S effects & Scape Hoods.

- : Permit to Work.
- : Plant Safety & office Safety.
- : Incident & Injury Free (IIF).
- : Incident reporter and investigator (IRS).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2019 till now
Employer : DNV GL
Project : BP West Nile Delta Gas Development Project, Idku in Egypt
Job title : Senior Piping Inspection Engineer (client representative for BP)

Dates : From Mar. 2018 till Jun. 2019
Employer : DNV GL
Project : Egyptian Refining Company (ERC) Project, Mostorod in Egypt
Job title : Senior Piping Inspection Engineer (Third party inspection)

Dates : From Dec. 2015 till Dec. 2017
Project : Complete Shedgum - Yanbu pipeline loop 4 & 5, KSA
Job title : Welding Inspector - Aramco representative PID (SAP No. 70021819)
Job Description :

- Materials receiving inspection.
- Pipe bending inspection.
- Welding activities inspection.
- Pipeline string inspection prior to tie-in
- Tie-in inspection.
- Test package review.
- Pretest walkdown.
- Hydrotest inspection.

Dates : From May 2015 till Sep. 2015
Project : New Assiut Simple Cycle Power Project 1000MW
Job title : Senior QA/QC Engineer

Dates : From Oct. 2014 till May 2015
Project : Zubair Oil Field Development, Iraq
Job title : QA/QC Engineer

Dates : From Dec. 2012 till Jul. 2014
Project : Egyptian Hydrocarbons EHC
Job title : QA/QC Engineer

Dates : From Aug. 2007 till Nov. 2012
Employer : Energya Steel Fabrication
Job title : QA/QC Engineer

- Field of experience :**
- **Inspection Engineer:**
Tasks and Duties:
 - Supervise, monitor and guide contractor Inspectors, and NDT team, review reports and analyze the findings to highlight any anomalies and issue recommendations for action by relevant departments.
 - Establish inspection and testing requirements and coordinate with operation and maintenance to schedule inspection activities and ensure that sufficient time and access is allowed.
 - Witness, review and interpretation NDT tests and reports on fixed equipment and piping. Tests include Penetrate examination (PT), magnetic particle inspection (MPI), ultrasonic testing (UT), radiography (RT), PMI, Eddy Current (EC), hardness tests, hydro tests and leak tests.
 - Evaluate the results of visual inspection, NDT data and issue inspection reports with findings and recommendations.
 - Ensure proper maintenance of inspection reports and records. Maintain various records in the computerized systems, updating inspection test results.
 - Effective contribution and implementation for company safety program and culture by raising IIF cards and near miss to support speak up culture to maintain assets in safe conditions and environment.
 - Duties and Responsibilities as PID in Saudi Aramco:
 - Ensure contractor's quality personnel and processes are effective, and that new facilities are constructed in compliance with applicable Saudi Aramco engineering standards, and procedures through following:
 - ❖ Initiating QMIS / Inspection Log Book entry.
 - ❖ Perform regular focus assessments of selected elements/processes of the Contractor Quality.
 - ❖ Participate pro-actively in preventing non-compliances and rework through active and continuous surveillances. Pro-active findings that are expected to result in avoiding non-compliances and rework shall be entered in the QMIS.
 - Lead inspection team for all piping related to 8x120MW turbine ensuring that all installed piping/fittings are to the correct specification and that the material is accordance with the specified traceability requirement.
 - Review; instruct the inspection team for welding requirement of piping.
 - Implement quality control activities of piping with the established quality control program field inspection testing procedure base on construction schedule.
 - Review final documentations & check punch list for test package.
 - Inspection of pipeline ensuring that all installed pipe/fittings are to the correct specification and that the material is accordance with the specified traceability requirement.
 - Review welding requirement for field erected pipeline.
 - Implement quality control activities on site in the line with the established quality control program, field inspection testing procedure base on construction schedule.
 - Ensure that heat treatment, and all non-destructive testing are in

- compliance with the relevant code and specification.
- Perform final documentations & check punch list for test package.
- Inspection & QA/QC Activities of the Fabrication, Erection and Testing of 8 Storage Tanks including for Ammonia Storage Double Wall Tank "-50°C" according To API 620:2010 Appendix R.
- Witness and assess tank settlements report according code requirements.
- Responsible for all duties of the welding & QC inspector before during and after welding including:
 - ❖ Welder performance Qualifications WPQ's and Welding Procedure Specification WPS's.
 - ❖ Pre-weld inspection Verification like Dimensional Fit-up and weld preparations are in accordance with the engineering drawing.
- Inspection for Fabrication of 12 Pressure Vessel "Anion, Cation, etc. and for Fabrication and Erection of Piping "Carbon, Stainless Steel.
- Preparation of Project Quality Documents in accordance with Company Specs that fulfills the requirements of Project Code and client's specifications, such as:
 - ❖ Inspection and Test Plan, NDT Procedures, etc.
 - ❖ Reviewing the Hydrostatic test Packages.
- Shut down Plant Inspector:
 - Receive assignment from shut down coordinator or focal point.
 - Review related equipment's drawings, inspection history and scope of work before carry out inspection.
 - Ensure valid permit to work, confined space certificate is available and compliance to company safety requirements during inspection.
 - Report any unsafe condition immediately to shutdown coordinator.
 - Perform initial inspection, detailed inspection and final inspection for equipment and report any anomalies found during inspection to shutdown coordinator.
 - Determine and define NDT required as per scope of work and inspection findings to NDT technician to perform NDT.
 - Review NDT results and report findings to shutdown coordinator.
 - Issue inspection reports (initial, detailed and final) with observations or recommendation referred to relative codes.
 - Shutdown assignments: Saudi Aramco Onshore Maintain Potential program (SAOMPP), Tie-in Qatif water injection wells (W-06 & W41).