

107210-MMP-4KQW-E-2006
Senior QA/QC Engineer & Commissioning Engineer

Holds a B. Sc. in Mining, Metallurgy & Petroleum Engineering and has over 13 years of professional experience in inspection activities in the Oil & Gas field, Petrochemical plants and Refineries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/10/1981
Gender : Male
Marital Status : Married
Residence : Sohag

EDUCATION

: B. Sc. in Mining, Metallurgy & Petroleum Engineering, Assiut University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: API 570 Authorized Piping Inspector (Cert. No. 57815).
: API 510 Authorized Pressure Vessel Inspector (Cert. No. 59817).
: API 580 Risk Based Inspection (Cert. No. 60815).
: CSWIP 3.1 Welding Inspector (Cert. No. 55079/2).
: ISO 9001:2015 QMS Lead Auditor (Cert. No. A18019).
: ASNT Level II in (RT, UT, VT, PT & MT).
: Certified OSHA General Inspector.
: API 653 (In Progress).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2017 till now
Employer : GS Engineering & Construction Co. (GS E&C)

- Project** : Construction of Egyptian Refining Company – ERC Co. (MEGA EPC Project)
- Job title** : Senior QA/QC Engineer & Commissioning Engineer
- Job Description** :
- Quality Engineering duties, Auditing and inspections as required.
 - Review and approve product/material requisitions and validate quality control and certification requirements.
 - Assist with the execution of planned project, vendor and subcontractor and internal quality audits in accordance with the audit and review program.
 - Attend project kick off meetings as required to provide quality support and advice according to QA/QC deliverables.
 - Assign and coordinate product/material inspection activities in accordance to the specifications set out in purchase orders, datasheets, drawings and client specifications/ requirements, Inspection and Test Plans, etc.
 - Liaise with the Client Quality Representative as appropriate.
 - Identify, implement and comply with applicable safety environmental and quality standards, company procedures and policies and other relevant legislative and regulatory requirements.
 - Coordinating mechanical completions and pre commissioning aspects of the project.
 - Prepare and revise test packages.
 - Perform and assist all site commissioning activities with client including punch-listing, punch clearing, documentation...etc.
 - Preparation, organization and coordination of implementation of plant overall test.
 - Supervise execution of tests and operating activities as requested by overall test procedures.
 - Perform and direct flange management activities.
- Dates** : From May 2012 till Feb. 2017
- Employer** : Gulf Consolidated Contractors Co. (GCC)
- Projects** :
- Eastern Region / Saudi Arabia (KSA) - Saudi Arabian Oil Company (ARAMCO) following projects:
 - Wasit Gas Plant Downstream Pipelines (11 Pipe Lines & Piping)
 - SATORP (Saudi ARAMCO & TOTAL) Jubail Export Refinery – Package 8
 - Install East-West Sales Gas 56” Pipeline Extension (150 km)
 - Maintain Potential
- Job title** : QC Welding Inspector, NDE Coordinator & QC Supervisor
- Job Description** :
- Assigned to these projects for QC Inspection activities in accordance with approved Projects Quality Plans & Procedures (QCP) and Inspection Test Plans (ITP) for Piping, Structural and Welding works to the whole scope of the contract of these projects and ensure that all welding inspection activities are complying with the WPSs & engineering standards and ARAMCO Specs.
 - Conduct Welder’s Performance Qualification Test (WPQT).
 - Witness fit-up, In-process & final inspection of weld joints, dimensional and alignment check on pipe spools during fabrication and erection.
 - Responsible for the implementation on QC activities and liaise with the

Client Representative for the proper execution and implementation of welding construction Standards as described in the construction manual of projects.

- Check the approved WPS & PQR packages prior to start fabrication of pipes spool and miscellaneous pipes support.
- Inspection for incoming material and review the attached certificates.
- Daily weld audit inspection according to the relevant WPS records.
- Inspection of welding consumables materials.
- Witness pre-heating and post weld heat treatment as per the specification.
- Coordinate with Third Party testing Agency for the proper execution of a particular NDT jobs.

Dates : From Jun. 2009 till Apr. 2012
Employer : Khalda Petroleum Company (KPC)
Project : Western Desert, Egypt
Job title : Welding & Integrity Engineer
Job Description :

- Assessing the results of survey, inspection, testing and monitoring activities and making recommendations to ensure continuing fitness for service.
- Anomaly management.
- Undertaking Risk Based Inspection Assessments..
- Undertaking Fitness for Service assessments
- Providing technical assessment and interpretation of corrosion / inspection monitoring data.
- Developing asset integrity management documentation.
- Developing written schemes of examination.
- Developing inspection work packs.

Dates : From Feb. 2008 till Jun. 2009
Employer : Petrobel (Abo Madi)
Project : Delta Region / Egypt
Job title : Plant Inspector
Job Description :

- Supervision and coordination of all on-stream and shutdown inspection/NDT activities of plant equipment, piping, pipelines & tanks.
- Identifying areas of special concern and deterioration (e.g., dead legs, injection points, buried piping, corrosion under insulation (CUI), erosion & corrosion/erosion), preparation of inspection procedures to follow-up their resolution to improve Plant integrity.
- Selection of an appropriate inspection technique.
- Carrying out regular external visual examinations complemented with NDT examination as required.
- Preparation of inspection reports & certificates with all findings, abnormalities and recommendations.
- Retirement thickness calculation, corrosion rate calculation, remaining life calculation, failure investigation and fitness for service for pressure vessels, tanks & process piping, preparation of repair recommendations.
- Advise on repair techniques, materials selection, welding procedures, inspection & testing requirements.

- Assist and participate in RBI analysis and developing the inspection plans/frequencies for static equipment, piping and pipelines.
- Preparation of final inspection reports.

Dates : From Aug. 2006 till Feb. 2008

Employer : Rasheed Petroleum Company (RASPETCO)

Project : Rasheed / Egypt

Job title : Third Party Inspector (TPI)

Job Description :

- Provide specialized technical expertise in support of the Quality program, including specialized inspection and testing techniques, quality training, statistical methods, audits, quality tools for problem solving and assessment.
- Create inspection reports stating the conditions of a work area to ensure requirements are met.
- Make recommendations for corrective actions.
- Apply knowledge of quality systems and tools to validate and verify contractually required standards for project execution.
- Implement principles of performance evaluation and prediction methods are used to improve product systems safety, reliability, and maintainability.
- Responsible for maintaining quality standard of products and the procedures and materials that go into work scope.
- Align quality management function with the performance needs of product lines.
- Under strict supervision, develops skills and knowledge to determine degree of conformance of products to specifications.
- Perform inspection of various operations activities.
- Generate reports of conditions found during inspection activities.
- Notify quality management of significant problems.
- Assist in documentation to attest to satisfactory completion of inspection or test activities.

Further experiences : Part time jobs:

- Egyptian LNG Shutdown in Nov. 2009 as Plant Engineer.
- Piping & QC Inspector in Gulf of Suez Petroleum Company (GUPCO) (2009).
- Welding Inspector in Petrobel Abo Redais (2008).
- Tank Inspector in Assiut Refinery (2008).

Field of experience :

- Extensive experience in QA/QC implementation techniques in Pipelines, Piping, Structural Works, Tanks, and Pressure vessels.
- Expert in defining quality criteria and key characteristics in conjunction with the Engineering Department and the customer; implementing Quality principles and documentation in product/process design as well as conducting internal and external audits as per the audit schedule.
- Expert in inspection, testing, supervision, construction, engineering, coordination & management in EPC Projects.
- Ability to coordinate multiple projects, direct test laboratories and contract welding facilities.
- Fully conversant with various Codes/Standards like ASME, API, ASTM,

ANSI, AWS, NACE, BS & Various Client Specifications like BP, Shell, GUPCO, ARAMCO, ADMA-OPCO ...etc. in the field of Design, Welding, Metallurgy, QA/QC, NDT, Corrosion control, Inspection & Testing.

- Provision of technical support (welding and related metallurgical support) during all phases of engineering projects, including the development, qualification and review of welding procedures and inspection specifications, for Company and its subcontractors.
- Apply advanced technical solutions to address issues.
- Utilize extensive knowledge and experience to contribute to multiple and complex issues / projects. Acts as team lead & advise others.
- Implement principles of performance evaluation and prediction methods are used to improve product systems safety, reliability, and maintainability.
- Apply knowledge of quality systems and tools to validate and verify contractually required standards for project execution.
- Maintain a safe work environment and ensures compliance with safety objectives and policies and rules.
- Create, plan and perform engineering design, development, analysis, experimentation, test, and/or product assurance tasks of moderate complexity for assigned portions of the project.
- Ensure tasks meet cost, quality, schedule, and performance requirements.
- Apply engineering design and/or analytical theory, principles, techniques and practices to a portion of a technical project.
- Apply basic knowledge of the design of organization's products and technology to solve moderately complex and clearly defined engineering problems.
- Experience in supervision and coordination of all on-stream and shutdown inspection / NDT activities of plant equipment, piping, pipelines & tanks.
- Familiar with RBI analysis and developing the inspection plans / frequencies for plant equipment, piping, pipelines & tanks.
- Experience in Welding/Mechanical repair of pressure vessels, piping, pipelines & tanks.
- Familiar with common Welding Processes like SMAW, GTAW, GMAW, FCAW & SAW.
- Experience in QA/QC activities which includes preparation of welding procedures, qualification of welding procedures and welders' performance, welding consumable quality control, welding inspection, NDT, PWHT, hardness test, hydrostatic & pneumatic test, coordination with client inspectors ...etc.
- Experience in all NDT Techniques (VT, RT, UT, PT, MT) & different types of equipment used for NDT and Preparation/Reviewing of reports.
- Evaluation of NDT results such as radiographic film interpretation and UT results evaluation.
- Fully conversant with Isometric, P&ID's and general arrangement drawings, as built preparation & modification as per site requirements.
- Familiar with health, safety and environmental (HSE) policies of various companies like BP, Shell, GUPCO, ARAMCO, ADCO, GASCO and ADMA-OPCO.
- Ensure that contractor processes and procedures are properly and

effectively implemented.

- Direct the work of less senior technical personnel.
- Experience in test and commissioning: participation to testing, commissioning, or re-commissioning.
- Competences for supervising and coordinating overall test phase programs and related scheduling.