

Holds a B. Sc. in Mining & Metallurgical Engineering and a Post graduate Diploma in Statistical Quality Control and Quality Assurance. Has over 15 years hands-on experience working as QA/QC Engineer with various types of projects (oil and gas, power, on-shore and off-shore).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/11/1978
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mining & Metallurgical Engineering, Assiut University, 2003
: Post graduate Diploma in Statistical Quality Control and Quality Assurance, Cairo University, 2011-2012

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Transition Training Course ISO 9001:2015.
: Lead Auditor certificate ISO 9001/2008.
: Lead Auditor certificate ISO 14001 /2015.
: Lead Auditor certificate ISO 45001 /2018.
: PMP Preparation course, PMI (PMBOK 5th).
: SIX SIGMA Green Belt (SYMBIOS).
: Internal QMS Auditor.
: CSWIP 3.1 (No. 38578).
: ASNT Level II in RT, UT, MT, PT.
: Applied welding technology (Egyptian Welding Academy).
: OSHA.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2015 till now
- Employer** : ECG Engineering Consultants Group, Quality Assurance & Audit Department, Head Office, Cairo
ECG is a group of highly qualified consultants, whose expertise in large and complex projects covers all major disciplines of design and construction.
- Job title** : Quality Lead
- Job Description** :
- Preparation, updating, Implementing and maintain QMS.
 - Supervise ISO Certification process.
 - Established overall audit plan and schedule of ECG.
 - Lead in Internal audit for ECG and contractors.
 - Reporting QMS performance.
 - Participate in Tender evaluation.
 - Participate in Technical proposals and pre-qualification.
 - Participate in Quality training and awareness.
 - Review and approve ECG project quality plan for design projects and construction projects.
 - Review and approve contractors' project quality plans.
 - Review and approve contractors' welding and NDT procedures.
 - Develop the client satisfaction feedback trends and report to the Management.
 - Ensure that the lessons on the projects are recorded and reported to the Corporate Office.
 - Support the projects for any critical quality issues needs corporate intervention.
 - Assist in Continuous Improvement activities on projects.
 - Process improvement, defining and following up objectives and KPIs, analysis of data.
 - Establish a process for recording and classifying rework, including timesheet tracking.
- Dates** : From Jan. 2013 till Aug. 2015
- Employer** : Petrojet – Suez Central Fabrication Yards (ISO 9001 & ASME)
Petrojet involved in supplying the Oil, Gas, Petrochemical & Industrial sectors with their requirements of static equipment. Through its ASME stamped Workshops, Fabricates and Supplies the following: Pressure Vessels, Heat Exchangers, Desalination Units, Skid-Mounted Packages, Slug Catcher Types, Towers, Reactors, Air Coolers, Fired Heaters, Separation Columns and Steel structure.
- Job title** : Quality Assurance Manager
- Job Description** :
- Ensure the completion of internal ISO Quality System Audits of departments and projects.
 - Assess and implement total quality management system throughout the company.
 - Coordinate with external certification bodies during external audits.
 - Assist other departments under the region with obtaining ISO certifications.
 - Lead quality award and recognition campaigns by implementing best quality practices with internal business excellence teams and external

consultants.

- Collect feedback from main contractors, consultants, and project representatives with regards to the efficiency of site installations.
- Analyze customer survey feedback and propose corrective actions related to quality control.
- Prepare Internal Quality Audit program for each calendar year and organize Audit team for its implementation.
- Conduct of Internal Quality Audit and Inspection to assure proper implementation of QMS, contract specification and ISO standard.
- Conduct quality audit and pre-assessment / qualification on suppliers and subcontractors.
- Conduct procedure and ISO 9001:2008 orientation.
- In charge in maintaining quality records and document control.
- Liaise with Client and Third Party Audit.
- Provide QA inputs to tenders.
- Assist in the establishment, development, implementation and maintenance of ASME product stamps.
- Attend to quality issues and representative for quality meetings.
- Prepare input data for QMS management review.

Dates : From Aug. 2009 till Dec. 2012

Employer : Petrojet

Job Description :

- Amer 8 Platform and related Onshore & Offshore facilities development, Ras Ghareb – Egypt (QA/QC Manager):
 - The project aims to install a 4 legged, six-slot production platform with 1100 tons lift weight at 24 m water depth. The production capacity is 10,000 BPD. The platform is designed to support two risers & two J-tubes. The platform is equipped with Bell 412 helideck.
 - Scope of Works: Structural Steel 220tom, Piping 10000 D inch Tanks Erection 4 no pipe line 8” 5km.
 - Duties:
 - Assist Project Manager with implementation, monitoring and support of project Quality Management System activities.
 - Directing, organizing and controlling the project quality team; planning, organizing and coordinating the project Quality activities.
 - Perform Quality Assurance Audit / review.
 - Responsible for Preparing of projects documents before starting i.e. project quality plan and inspection test plan, procedures, welding procedures, NDT procedures, scope to be followed, and welder qualification.
 - Assure implementation of site quality system, site audits and inspection check list related to all project activities Coordinate all quality related correspondence with the Client representatives.
 - Responsible for QC function on site i.e. supervise Q/C inspectors, NDT, technician, RT Film interpretation, analysis of defects, causes and extend and take the necessary corrective action to eliminate the defect source.
 - Ensure that all activities and works executive as per applicable Specs. & Codes.

- Responsible for test packages activities completion.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.
 - Planning, developing and executing QA/QC related training and qualification programs for Project QA/QC personnel.
- Gulf of Suez NGL Project, Shokier – Egypt (Senior QA/QC Engineer):
 - Establishment of Gulf of Suez NGL project to process 150 MMSCFD of the feed gas from unit 104 sales gas & produce Propane, LPG.
 - Scope of Works: Structural Steel 1155ton, Piping 75000 D inch (carbon steel, stainless steel, low temp) Static Equipment Erection 945ton, Tanks Erection 1115 ton (spherical and Cylindrical).
 - Duties:
 - Assist Project Quality Manager with implementation, monitoring and support of project Quality Management System activities.
 - Perform Quality Assurance Audit / review.
 - Responsible for Preparing of projects documents before starting i.e. project quality plan and inspection test plan, procedures, welding procedures, NDT procedures, scope to be followed, and welder qualification.
 - Assure implementation of site quality system, site audits and inspection check list related to all project activities Coordinate all quality related correspondence with the Client representatives.
 - Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, analysis of defects, causes and extend and take the necessary corrective action to eliminate the defect source.
 - Ensure that all activities and works executive as per applicable Specs. & Codes.
 - Responsible for test packages activities completion.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.
 - Follow and tracking NCRs.
 - Assist Quality and other teams in Root Cause Analysis and Investigations.
- Harweel / Hubara Gas Pipeline 16" and 18" – 160 Km, Oman (Senior QA/QC Engineer):
 - Projected growth of power demand in Central and South Oman requires new power plants and hence more transport of gas, Modification of the SOGL system between Saih Nihayda and Hubara such that the MAOP of the system between Saih Nihayda – Hubara can be increased from 7000 9270 kPag. The section of the SOGL to be built under this project between Hubara and Marmul will consist of new section of pipeline (75 Km between Hubara and Nimr) as well as a section of existing redundant oil pipeline (84 Km of 18" oil pipeline between Nimr and Marmul). The main scope of the project is to design, supply (except free issued materials by

Company), install, and test, pre-commission and necessary Commissioning assistance.

- Scope of Works:
 - Construction of 18" gas pipeline between Hubara and Marmul which consists of New section of 18" gas pipeline of 75 Km long, between Hubara and Nimr (sore service).
 - Re-use of existing de-oiled 18" pipeline of 84 Km long section previously used to transport oil between Marmul and Nimr.
 - Construction of 16" gas export pipeline between Harweel and Marmul 85 Km long (sore service).
 - Block valve stations, take-off, pig receiver/ launcher stations, Tie-ins.
- Duties:
 - Develop, implement, monitor and maintain a contract Quality Plan for the project.
 - Responsible for prepare WPS, PQRs, WPQT and welder performance.
 - Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, analysis of defects, causes and extend and Take the necessary corrective action to eliminate the defect source.
 - Ensure that all activities and works executive according to procedure & codes.
 - Responsible for review and approve release for coating and release for lowering.
 - Prepare hydro test package according to the approved procedure.
 - Prepare final close out package of mechanical completion.
 - Attend internal and external meetings.
 - Produce QA/QC inputs/reports as required.
 - Follow and tracking NCRs.
 - Assist Quality and other teams in Root Cause Analysis and Investigations.

Dates : From Aug. 2008 till Aug. 2009
Employer : RINA
Project : Thekah Project...3 pipelines Offshore, Mediterranean Sea (barge) Saipem S-355 / PMS-11
Job title : QA/QC Engineer
Job Description :

- Scope of Works:
 - Laying of 8" subsea Pipeline from Thekah North to plem -1 with approximately 0.9 KM.
 - Laying of 8" subsea Pipeline from Thekah-2 to plem -1 with approximately 3.37 KM.
 - Laying of 16" subsea Pipeline from Thekah plem 1 to thekah plem 2 with approximately 47.52 KM.
- Duties:
 - Review and approve welding and NDT procedures.
 - Witness welder qualifications.
 - Welding Inspection: to monitor the fit-up station, welding variables through subsequent welding stations, post-welding inspection.
 - RT Film interpretation.

- Witness NDT inspection for repairs.
- Review inspection reports, releases and handover packs and report to the client.

- Dates** : From Aug. 2003 till Aug. 2008
- Employer** : Petrojet
- Job title** : QA/QC Engineer
- Job Description** :
- Elfanar Plant, Gemsa – Egypt:
 - The project aims to develop the facilities at Ras Gemsa and overcome the downstream till the receiving point at Gemsa.
 - Scope of Works: Piping 15000 D inch Tanks Erection 3 Tanks 3000 barrel, 8” pipe line 10 Km, pig receiver, separator, sea fastening for new platform.
 - Duties:
 - Responsible to conduct inspection as per the inspection testing plan (ITP) and overall project quality plan.
 - Perform all internal inspections and coordinates with the client representative for external inspections.
 - Prepare and comply QA/QC documents and records as per the clients' requirements, submits to client to obtain job completion certificate.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.
 - Assist project Quality Manager with implementation, monitoring and support of project Quality Management System activities.
 - Perform Fabrication Inspections.
 - Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, carried out ultrasonic examination, magnetic test hardness, analysis of defects, causes and extend.
 - Perform Quality Assurance Audits/Reviews.
 - Responsible for WPS, PQRs, WPQT and welder performance.
 - Responsible for test packages activities including verification of welding completion.
 - Reviewing & approval of welding summary sheet to insure completion of welding & NDT testing as per project specification.
 - Witness for hydrostatic tests.
 - Al Hamd Platform new extension, Ziet Bay Yard – Egypt:
 - Upgrade of Al hamd existing platform to suit field production.
 - Scope of Works: fabrication of new extension platform 75 ton.
 - Duties:
 - Responsible to conduct inspection as per the inspection testing plan (ITP) and overall project quality plan.
 - Perform all internal inspections and coordinates with the client representative for external inspections.
 - Prepare and comply QA/QC documents and records as per the clients' requirements, submits to client to obtain job completion certificate.
 - Coordinate with the construction team related to all QA/QC

- specification.
 - Witness for hydrostatic tests.
- West Ashrafi New Facilities Installation (Agiba), West Ashrafi – Egypt:
 - Upgrade West Ashrafi existing plant to suit field production.
 - Scope of Works: fabrication steel structure pipe rack 800 ton, piping 25000 D inch, pipe line 8” 6 Km, pig receiver/ launcher, 8” Multiphase Offshore Pipeline Spool.
 - Duties:
 - Responsible to conduct inspection as per the inspection testing plan (ITP) and overall project quality plan.
 - Perform all internal inspections and coordinates with the client representative for external inspections.
 - Prepare and comply QA/QC documents and records as per the clients' requirements, submits to client to obtain job completion certificate.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.
 - Assist project Quality Manager with implementation, monitoring and support of project Quality Management System activities.
 - Perform Fabrication Inspections.
 - Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, carried out ultrasonic examination, magnetic test hardness, analysis of defects, causes and extend.
 - Perform Quality Assurance Audits/Reviews.
 - Responsible for WPS, PQRs, WPQT and welder performance.
 - Responsible for test packages activities including verification of welding completion.
 - Reviewing & approval of welding summary sheet to insure completion of welding & NDT testing as per project specification.
 - Witness for hydrostatic tests.
- GUPCO Rehabilitation Project, Ziet Bay Yard – Egypt:
 - The project aims to the Rehabilitation of BP offshore facilities including steel structural platforms, topside facilities and subsea pipelines. The offshore facilities consist of 9 complexes & 69 satellites (with an overall count of 119 platforms and 400 wells) and 1600 km of sub-sea.
 - Scope of Works: fabrication of steel structure, piping.
 - Duties:
 - Responsible to conduct inspection as per the inspection testing plan (ITP) and overall project quality plan.
 - Perform all internal inspections and coordinates with the client representative for external inspections.
 - Prepare and comply QA/QC documents and records as per the clients' requirements, submits to client to obtain job completion certificate.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.

- Assist project Quality Manager with implementation, monitoring and support of project Quality Management System activities.
- Perform Fabrication Inspections.
- Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, carried out ultrasonic examination, magnetic test hardness, analysis of defects, causes and extend.
- Perform Quality Assurance Audits/Reviews.
- Responsible for WPS, PQRs, WPQT and welder performance.
- Responsible for test packages activities including verification of welding completion.
- Reviewing & approval of welding summary sheet to insure completion of welding & NDT testing as per project specification.
- Witness for hydrostatic tests.
- Shuker – Hurgad 36" Pipeline, Gulf Suez – Egypt:
 - Execution of a Shuker – Hurgad Gas Pipeline 36" – 130 Km including Cathodic Protection.
 - Scope of Works: pipe line 36" 130Km. Block valve stations, pig receiver/ launcher stations, Tie-ins.
 - Duties:
 - Responsible to conduct inspection as per the inspection testing plan (ITP) and overall project quality plan.
 - Perform all internal inspections and coordinates with the client representative for external inspections.
 - Prepare and comply QA/QC documents and records as per the clients' requirements, submits to client to obtain job completion certificate.
 - Coordinate with the construction team related to all QA/QC matters.
 - Carrying out and coordinating various Quality Assurance and Quality Control verification.
 - Assist project Quality Manager with implementation, monitoring and support of project Quality Management System activities.
 - Perform Fabrication Inspections.
 - Responsible for QC function on site i.e. supervises Q/C inspectors, NDT, technician, RT Film interpretation, carried out ultrasonic examination, magnetic test hardness, analysis of defects, causes and extend.
 - Perform Quality Assurance Audits/Reviews.
 - Responsible for prepare WPS, PQRs, WPQT and welder performance.
 - Responsible for test packages activities including verification of welding completion.
 - Reviewing & approval of welding summary sheet to insure completion of welding & NDT testing as per project specification.
 - Witness for hydrostatic tests.

Field of experience : • Lead QA/QC Mechanical Engineer specify in industrial project (oil & gas, power station, petrochemical and workshops plat, steel structure and piping fabrication, Onshore / Offshore pipe lines and storage tanks) and fast track project. I have more than 15 years experience in the field with

multi international companies.

- Extensive experience in international codes and specifications and international companies' specifications such as BP, ENI, AGIB, GASCO, PDO, ARAMCO.
- Extensive experience in quality Assurance, quality control, welding and inspection.
- Quality & Safety: System Management Development & Implementation, Law Compliance Analysis & Assessment, Due Diligence & Permitting.