

Holds a B. Sc. in Mechanical Power Engineering and MBA. Has about 20 years hands-on experience working in QA/QC and welding field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/08/1975
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Arab Academy for Science & Technology, 1999
: Master in Business Administration, Port Jefferson University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Certified Quality Engineer Course (CQE) (in progress).
: Trained as ISO 9001 Lead Auditor.
: CSWIP 3.2.2 SENIOR WELDING INSPECTOR CERTIFICATE No. 42334.
: CSWIP 3.1 WELDING INSPECTOR CERTIFICATE No. 42362.
: Level II Radiographic Test according to ASNT – TC 1A.
: Level II Liquid Penetrant Test according to ASNT – TC 1A.
: Level II Ultrasonic Test according to ASNT – TC 1A.
: Level II Magnetic Test according to ASNT – TC 1A.
: Level II Radiographic Test according DIN EN 473 / ISO 9712 (EWTUV), valid 5 years.
: Level II Ultrasonic Test according DIN EN 473 / ISO 9712 (EWTUV), valid 5 years.
: Fundamentals of Destructive & Non-Destructive Test.
: Welding Technology.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2018 till now
Employer : RINA Egypt
Project : ZOHR Field Development Project - Rump-up-Plateau
Job title : Certifying Authority (Inspection of Fabrications of Subsea Facilities)

Dates : From Mar. 2018 till Oct. 2018
Employer : Egyptian Refining Company (ERC)
Project : Hydro Cracking Facility Project – Mostorod
Job title : Third Party – DNVGL (Lead QA/QC ENG)

Dates : From May 2017 till Feb. 2018
Employer : ENI S.P.A (PETROBEL Co.)
Project : ZOHR Development Field Project (Port Said)
Job title : Lead QA/QC ENG

Dates : From Dec. 2016 till May 2017
Employer : GS Construction & Engineering
Project : ERC Refinery Project (Mostorod)
Job title : Lead Test Package Center

Dates : From Jun. 2015 till Nov. 2016
Employer : Target Engineering Construction Co. – Doha, Qatar
Project : Construction of integrated chiller, freezer, laundry, dining and accommodation facilities in Halul
Job title : Handover Engineer
Job Description :

- Review Project Documentation and Design Deliverables, Overall commissioning strategy and constraints:
 - Project limits and interfaces with Contractors and other QP Departments.
 - Vendor's scope of supply, and items that require the Vendor's representative to be present during Commissioning.
 - The interfaces between different Commissioning activities.
 - Baseline checks and requirements.
 - Pre-Commissioning checks and tests that will be performed at the manufacturer(s).
 - New equipment or processes that require special attention, such as operator and maintenance training.
 - Identify if there is a requirement for Vendor or third party operation of the System for a particular period until QP manpower is trained/additional suitable and trained manpower is made available.
 - Identify any special requirements, if any (e.g. acid cleaning of compressor suction lines) and advise engineering on provisions for such activities.
 - Any commissioning activity that may require modification to the design and engineering.

- Documentation requirements and the information each team member will require for Commissioning.
- Mechanical Completion Phase:
 - Verifying that documentation to support Mechanical Completion is in place and is endorsed by Project QA/QC representative wherever required.
 - Checking that materials, equipment and systems have been installed as per AFC drawings.
 - Performing bench calibration of instruments, electrical insulation tests and electrical continuity tests.
 - Performing hydro-testing, pressure testing of pipe, integrity testing/certification of valves.
 - Documenting activities on check sheets known as Construction Check lists.
- Pre-Commissioning Phase:
 - Performing Pre-Commissioning safety checks/review, if applicable, for the Equipment/System.
 - Verifying instrument loop checks, panel function tests, energizing electrical equipment and running motors uncoupled.
 - Documenting activities on check sheets known as 'Pre-Commissioning Check Lists'.
 - Clearing of all Pre-Commissioning Category 'A' Punch List items.
 - Implementing relevant preservation maintenance operation procedures.
 - Ensuring availability of Commissioning spares, consumables, lubricants etc., at site.
 - Obtain special clearance/certificate from relevant authorities allowing potential short term environmental impacts, if applicable.
- Prepare Commissioning Dossiers:
 - System Description, Objective, System Limits and Associated Systems.
 - Construction/Pre-Commissioning Documentation.
 - Vendor Requirements.
 - Commissioning Spares and Consumables.
 - Test Equipment and Temporary Supplies.
 - Commissioning Scope and Procedure.
 - Commissioning Test Records and Reports.
 - Drawings and Vendor Data.
 - Handover Documents.
 - Notes and Correspondence.
- Complete Documentation Handover (Dossier Project).
- Issue Commissioning Close-out Report.

Dates : From Mar. 2007 till May 2015

Employer : DNVGL Doha QATAR (DNVGL as before Germanischer Lloyd)

Job Description : • TURNAROUND FOR CRUDE REFINERY 1 & 2 AT QP REFINERY, MESAIEED:

- Position: Welding Engineer.
- Project: SHUTDOWN TURNAROUND FOR CRUDE REFINERY 1 & 2 AT REFINERY.
- Duties:
 - Approve WPS & PQR. Witness welder qualification test and

- procedure Qualification Record and all related mechanical and radiographic testing.
- Steel with different welding processes (SMAW, GTAW and SAW).
 - Review all applications drawing & standards.
 - Check purchase order to ensure that base metal and filler metal materials are properly specification.
 - Verify that in process nondestructive examination is performed.
 - Verify that additional of NDT has been performed if required.
 - Evaluation of NDT results of material and welding in according codes, standards and specification (interpretation of RT films, UT, PT & MT evaluation).
 - Verify that post weld heat treatment has been done satisfactory.
 - Make coordination with welding inspectors and QC assistance in both workshop and site activates.
 - Supervision of NDT & PWHT process, follow up for repair weld and taking class for welders about the repair welds monitoring and controlling repairs.
 - Reviewing, preparation and approval of test packages, Pneumatic & hydrostatic tests.
 - Pipe line cleaning, gauging plate, drying, vacuum drying and intelligent pigging.
 - Review and check test package (as built drawing, bunch list, NDT reports, welding summary, calibrations equipments reports used in hydro test and hydro test reports).
- Procurement, Fabrication, Assembly and Testing of skids-Halul COD project (R-AE0025):
 - Position: Third Party QA/QC ENG.
 - Project: EPIC for Produced water treatment and injection Phase-2.
 - Duties:
 - Review and check isometric/drawing against scope of work, material requirements, extent/ type of NDT required and WPS, client specs, welding details, pipe line class.
 - Prepare approval WPS/PQR available for the material being welded.
 - Prepare the welders qualification in accordance client specs & standards codes. Receive material with delivery note and Test Certificates, ensure handling and storage are in accordance with approval procedure.
 - Monitoring welding activities & verify welding consumables.
 - Perform weld visual inspection & enter result on weld inspection report.
 - Issue NDE request for correct type and extent of inspection.
 - NDT extent rate in accordance with AFC Drawing.
 - Ensure that all heat treatments are performed in accordance TEPQ Specification/ Codes / Standard.
 - Review Hardness test report.
 - Prepare and check all fabrication, inspection and NDT has been completed as per AFC.
 - Drawing and approved specification for final inspection.
 - Project: Inspection Support Services at PS-2, PS-3, PS-4:
 - Position: Plant Inspector (OEI) Offshore.

- The scope of work and inspection activities are including but not limited to the following inspection activities:
 - Attending daily meeting to liaise with plant operations personnel to discuss and plan inspections activities at different plant locations.
 - Responsibilities included cross checking all VT, UT, RT, MT, PT inspection results.
 - Inspection of reactors, towers, drums, exchangers, coke drums, piping, welding and hydrostatic testing.
 - Report writing.
 - Responsible for all QA/QC plant matters relating to release of materials authorized on site, welding procedures, welder qualifications and review of consumables controls.
 - Responsible for the completion, accuracy and verification of all major test results and reports, liaising directly with the client representative.
 - Completion of daily inspection progress summary reports, ensuring all inspection activities on inspected items are complete and reviewed prior to final report issue.
 - Responsible for communicating and enforcing site safety procedures, daily toolbox meetings within Inspection group.
- Project: EPIC for Produced water treatment and injection Phase-2:
 - Position: Lead QA/QC ENG.
 - Duties:
 - Monitoring difficulties that are encountered during execution of inspection activities on site.
 - Giving review codes showing the review status on reviewed documents.
 - The details of Q/A system in P.Q.P & QA instructions, Checking & periodically auditing on site to verify the application of P.Q.P.
 - Reviewing & distribution of P.Q.P project quality plan.
 - Assist in discussions on the quality system with clients where appropriate.
 - Periodical calibration of measuring & testing equipment & maintenance of record of the calibration activities.
 - Checking and review of Non-Conformance Reports (NCR) and the related Site Information and follow up suitable corrective/preventive action related to the non conformities.
 - Plan/schedule the daily activities for inspection and testing on site.
 - Managing the official works concerning the inspection activities.
 - Assist in solving problems if any encountered by other partner.
 - Recommend establishing of procedures standards and practices.
 - Verify daily reports for inspection activities.
 - Reporting to Q.C management.
 - Following hydro test packages preparing for (tanks, vessels, piping net, pipelines ...etc.).
 - Sometimes doing Interpretation for R.T films.
- Halul Harbour Upgrade Phase 3 & Epic of Alternate Jetty:
 - Position: Third Party QA/QC ENG.

- Project: Construction of Halul Harbour Upgrade Phase 3 & Epic of Alternate Jetty.
- Duties:
 - Inspection of welding and painting of pipes and structural fabrication of pipe bridges.
 - Fabrication of the pipe spools and pipe lines.
 - Initiating the welding procedure qualification.
- Project: D5761 PIPE LINES SHELL PREAL GTL:
 - Position: QA/QC Engineer.
 - Supervision for all QA/QC welding activity for the three phases of pipe lines:
 - PIPE LINE 24" ONSHORE (6 KM).
 - 2 PIPE LINES 30" ONSHORE (6 KM).
 - Review and check test package (as built drawing, bunch list, NDT reports, welding summary, calibrations equipments reports used in hydro test and hydro test reports).
- Project: NFA-PS4 Upgrading Turbo Expander & Seal gas line Off Shore:
 - Position: QA/QC & NDT Eng.
 - Duties:
 - Visual check & dimension for all modified welded joints.
 - Lamination check, all NDT & PWHT.
 - Prepare and maintain inspection visual reports, Review all NDT & PWHT report and charts.
 - Review, preparation and approval of test packages, hydrostatic tests.
 - Review and check test package (as built drawing, bunch list, NDT reports, welding summary, calibrations equipments reports used in hydro test and hydro test reports).
- Project: Ras Laffan Common Cooling Sea Water System phase 2 (QATAR):
 - Position: Third Party QA/QC & NDT Eng.
 - Duties:
 - Visual check & dimension for all modified welded joints.
 - Lamination check, all NDT & PWHT.
 - Prepare and maintain inspection visual reports, Review all NDT & PWHT report and charts.
 - Review, preparation and approval of test packages.
- Project: Ras Laffan Onshore Expansion Projects (Trains 6 & 7, AKG-2):
 - Position: Senior Welding Piping Inspector.
 - Duties:
 - Responsible for the following QC activities in the world's largest size of LNG Project (Trains –6, 7) of capacity 7.4 MTPA, AKG-2 and other options.
 - Review and approval of Piping Test Packs before pressure test in order to confirm the inspection requirements with high level knowledge on document review to comply with ISO-9000.
 - Final certification of QC dossiers.
 - Field inspection of piping of various materials spec. (SS, CS, LTCS, Haste Alloy, Cement lined and FRP pipes) for site requirement.
 - Tie-in & Hot Tapping Inspection as per approved Method Statement.
 - Review of all Method Statements for Tie-in.

- Project: Ras Laffan Onshore (Train 4, 5):
 - Position: QA/QC Engineer.
 - Review and check test package (as built drawing, bunch list, NDT reports, welding summary).

Dates : From Nov. 2006 till Feb. 2007
Employer : Egyptian Maintenance Company
Project : SAQQARA off-shore field development project
Job title : QA/QC & NDT Eng.
Job Description : Projects contents:

- 16" Multiphase offshore pipeline Mat. API 5L X60 (12 KM).
- Jacket installation, Deck installation.
- (TSF) different size piping system Supper duplex and carbon steel.

Dates : From Mar. 2006 till Aug. 2006
Project : 100 oil & gas field at abuttiffel site in Libya
Job title : Ultrasonic Inspector
Job Description : Ultrasonic survey for thickness, lamination, material condition & welds.

Dates : From Dec. 2005 till Mar. 2006
Employer : Opcoosco
Job title : Client Welding Inspector, R.T interpreting, P.T, V.T, U.T, M.T
Job Description : Bapetco (BADR PETROLEUM CO.) Western Desert locations BED-3, through this period, I checked calibration certificates of welding machines & all equipment used in N.D.T like ultrasonic sets, AC yoke, DC yoke, material certificates (composition, type and condition) consumer certification, checked pre-welding inspection like reviewed applications standards and codes which will be used, all drawings & issued numbers, safety permits, dimensions, tolerances, preparation, fit-up in accordance with approved drawings, reviewed welding procedure, P.Q.R & W.Q.T, welder qualification ID and post welding inspection like visual test, N.D.T, post heat treatment if needed, dimensions in accordance with approved drawing, witness of hydro test. As following projects:

- BED 2/3 LP compression project phase II (Duplex, LTCS & C.S) at BED-3.
- Bed 16-4 flow line 6", 18 Km from Bed 16-1 to Bed 15 at BED-3 field.
- Bed 17-2 flow line 6", 8 Km from Bed 17-2 to NEAG.

Dates : From Aug. 2005 till Dec. 2005
Project : Helwan Ammonia-urea Fertilizer
Job title : Welding Inspector
Job Description :

- Visual Inspection.
- Welders Qualification Test.
- N.D.T Inspection.
- Supervision for Fabrication & QA/QC, Documentation.

Dates : From Jun. 2004 till Aug. 2005
Project : Western Libya Gas Project (MELLITAH Gas Plant)

Job title : Welding Inspector & NDT Coordinator
Job Description :

- Visual Inspection.
- Welders Qualification Test.
- N.D.T Inspection.
- Supervision for Fabrication & erection of Piping.
- QA/QC, Documentation.

Dates : From Oct. 2003 till May 2004
Employer : DSD Ferometalco Co.
Project : Refinery Expansion 2005 Pipe Rack 3500 Tons

Job title : QC Inspector
Job Description :

- Visual & Dimension Check.
- Supervision for Fabrication of Steel Structure.
- UT Inspection.
- QA/QC, Documentation.

Dates : From Mar. 2003 till Oct. 2003
Employer : EGIT (Engineering Group for Inspection & Technology)

Job Description :

- Project: LNG Damietta:
 - QC Engineer.
 - Duties:
 - Preparation WPS, PQR & WQT.
 - UT Inspector.
 - Welding Inspector.
 - Supervision for Fabrication and Erection Piping.
 - Interpretation (RT), Holiday Detector Test.
 - QA/QC, Documentation, punch list and Final Test Package.
- Project: Repair of Desolater in Ras Shukair:
 - Welders Qualification.
 - NDT Inspection.
- Project: Assiut Cement Factory:
 - Welding Inspector.
 - (UT) Inspector.
- Project: Roseta Onshore Gas Compression Station:
 - (UT) Inspector.
- Project: Repair of TANK 33-15 – Abu El Garadik:
 - Welding Inspection.
 - NDT Inspection & Vacuum Test.
- Position: QC Engineer:
 - Preparation WPS, PQR & WQT.
 - Welding Inspector.
 - UT Inspector.
 - Supervision for Fabrication and Erection Piping.
 - Interpretation (RT).
 - QA/QC, Documentation, punch list, Hydro-Test Final Test Package.

Dates : From Jan. 2000 till Mar. 2003
Employer : TARRADCO Co.

- Job Description** :
- Project: DCH – HYLUBE UNIT:
 - Position: QC Engineer.
 - Duties:
 - Preparation WPS, PQR & WQT.
 - Welding Inspector.
 - Site Engineer.
 - Supervision for Fabrication and Erection Piping.
 - UT Inspector.
 - Interpretation (RT).
 - Insulation Work
 - Painting Work.
 - QA/QC, Documentation, punch list, Hydro-Test Final Test Package.
 - Project: Revamping of Offshore Platform (WEPCO):
 - Welding Inspector.
 - Radiograph Interpretation.
 - Project: Maximization Oil & Gas Production (CIMIMANTUBI – AMOC Alex):
 - Welding Inspector.
 - Radiograph Interpretation.
 - Supervision for Fabrication Piping.
 - Project: Eastern Company (Supply Fabrication & Erection for Production Line of Moharm Bek Factory):
 - Welding Inspector.
 - Radiograph Interpretation.
 - Supervision for Fabrication of Steel Structure & Equipment.
 - Project: Mineral Oil (AMOC – Alex):
 - Position: QC Inspector.
 - Duties:
 - Preparation WQT.
 - Welding Inspector.
 - Site Engineer.
 - Supervision for Fabrication and Erection Piping.

- Field of experience** :
- Summary:
 - As a Construction and Maintenance QA/QC professional predominantly experienced in Oil & Gas projects in the Gulf, I bring 20 years experience across Qatar, Libya & Egypt.
 - My specialty mainly includes process and utilities piping and pipelines with expertise in NDT & Welding procedures and test package development pertaining to mechanical fabrication & piping works. I am conversant with international codes and standards as well as Quality Management Systems applicable in projects. I have demonstrated ability to manage a group of inspectors and maintain oversight & controls on NDE and welding works, to prepare works for final inspections prior to delivery. I am also experienced in coordination of Inspection at supplier / manufacturer shops, System / sub-system concept and punch listing.
 - In brief, I am an accomplished professional in my trade with proven ability to independently manage QA/QC functions at all the stages of EPC projects.
 - Professional Experience:
Positions held & brief of responsibilities:

- QC/QA Engineer and responsible for:
 - Monitoring difficulties that are encountered during execution of inspection activities on site.
 - Giving review codes showing the review status on reviewed documents.
 - The details of Q/A system in P.Q.P. & QA instructions, Checking & periodically auditing on site to verify the application of P.Q.P.
 - Reviewing & distribution of P.Q.P project quality plan.
 - Assist in discussions on the quality system with clients where appropriate.
 - Periodical calibration of measuring & testing equipment & maintenance of record of the calibration activities.
 - Checking and review of Non-Conformance Reports (NCR) and the related Site Information and follow up suitable corrective/preventive action related to the non conformities.
 - Plan/schedule the daily activities for inspection and testing on site.
 - Managing the official works concerning the inspection activities.
 - Assist in solving problems if any encountered by other partner.
 - Recommend establishing of procedures standards and practices.
 - Verify daily reports for inspection activities.
 - Reporting to Q.C management.
 - Following hydro test packages preparing for (tanks, vessels, piping net, pipelines ...etc.).
 - Sometimes doing Interpretation for R.T films.
- Third Party Inspector (TPI) and responsible for:
 - Monitoring any difficulties that are encountered during inspection activities.
 - The reviewed documents shall be given a reviewing code showing the review status.
 - The details of Q/A system in P.Q.P & Q.A instructions.
 - Checking & periodically auditing on site to verify the application of P.Q.P.
 - Reviewing & approving distribution of P.Q.P project quality plan.
 - Assistance in discussions on the quality system with clients where appropriate.
 - Periodical calibration of measuring & testing equipment & maintenance of record of the calibration activities.
 - Checking and review of Non-Conformance Reports (NCR) and the related Site Information and follow the suitable correction/preventive action related to the non conformities of product.
 - Following daily activities of inspection and testing on site.
 - Assist in solving the problems encountered by other partner. Recommended establishing of procedures standards and practices.
 - Verifying daily reports for inspection activities. Interpretation for R.T films. Following the inspection points according to ITP.
- Mechanical Inspector and responsible for:

- Inspection for installation of equipments (Rotary & static).
- Inspection for installation & fabrication for all piping systems and its material.
- Follow up, witness and monitoring of all piping hydro tests and pneumatic tests.
- Inspection for installation & fabrication for all pressure vessels and its material.
- Inspection for installation & fabrication for steel structural and its material.
- Inspection for installation of tanks and its material.
- Make shop/vendor inspection in-service inspection and review with HSE.
- Access to all relevant technical information relating to the equipment like equipment specification, acceptance and/or guarantee requirements and the relevant codes and standards.
- Prepare NCR and review the CAR.
- Life assessment & integrity of materials.
- Review the ITP and all the NDE related to the inspection job.
- Review the safety system for work.
- Link between the ITP and other contract documents.
- Supervision for structural fabrication (confirm dimensions of structure components during fabrication & erection).
- Quality Control / Sr. Welding Inspector and responsible for:
 - Review the isometric of piping.
 - Indicate the welding map, spool marking and cutting list for each isometric drawing.
 - Control for all isometric submitted to site, owner and Q.C section.
 - Following all revision and draw as built drawing.
 - Make evaluation of X-ray films.
 - Following all revision and draw as built drawing.
 - Assist in testing and certifying welders and welding procedures.
 - Welding, Non-Destructive Testing, as per International codes and standards.
 - Review and approve WPS & PQR. Witness welder qualification test and procedure Qualification Record and all related mechanical and radiographic testing.
 - Steel with different welding processes (SMAW, GTAW and SAW).
 - Review all applications drawing & standards.
 - Check purchase order to ensure that base metal and filler metal materials are properly specification.
 - Check welds joint edge geometric.
 - Check joint fit up and finished weld size and length.
 - Check dimensional accuracy of completed weldment.
 - Evaluation test result, prepare and maintain inspection visual reports.
 - Verify that in process nondestructive examination is performed.
 - Verify that additional of NDT has been performed if required.
 - Evaluation of NDT results of material and welding in according codes, standards and specification (interpretation of RT films, UT, PT & MT evaluation).

- Verify that post weld heat treatment has been done satisfactory.
- Make coordination with welding inspectors and QC assistance in both workshop and site activates.
- Supervision of NDT & PWHT process, follow up for repair weld and taking class for welders about the repair welds monitoring and controlling repairs.
- Reviewing, preparation and approval of test packages, Pneumatic & hydrostatic tests.
- Pipe line cleaning, gauging plate, drying, vacuum drying and intelligent pigging.
- Review and check test package (as built drawing, bunch list, NDT reports, welding summary, calibrations equipments reports used in hydro test and hydro test reports).
- Construction Engineer and responsible for:
 - Arrangement the groups of workers in site to achieve the program of productivity.
 - Review the isometric of piping layout.
 - Indicate the bill of material for each line.
 - Indicate the welding map, spool marking and cutting list for each isometric drawing.
 - Control for all isometric submitted to site, owner and Q.C section.
 - Following all revision and draw as built drawing.
 - Punch list the test packages for each separate system.