

101631-MMP-45KQVWr-E-2000

**QA/QC Manager / Welding / Piping / Painting / Mechanical &
Inspection Engineer**

Holds a B. Sc. in Petroleum & Mining Engineering (Metallurgy Dept.) and has more than 21 years of continuous experience in construction projects, petrochemical projects, oil/gas Storage facilities (fabrication, installation, inspections, examinations, testing, maintenance & demolishing) of onshore/offshore oil and gas plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/01/1976
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Petroleum & Mining Engineering (Metallurgy Dept.), Suez Canal University, 2000

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Inspection Engineer (API - Authorized Plant Inspector):
 - API 570 Piping Inspector, Cert. ID. No. 36523, expiry date 30/11/24.
 - API 653 Tanks Inspector, Cert. ID. No. 39984, expiry date 30/11/22.
- : Sr. QA Engineer and Lead Auditor as per ISO 9001 / 2015 / 2023: Hold ISO 9001 (2016).
- : SR. (QA/QC) Welding / Piping Engineer: CSWIP 3.2.2 Certified Senior Welding Inspector, CSWIP CERT NO 309395 & EXPIRY 06 Oct. 2021) (Certification Scheme for Welding/Piping Inspection Personnel) according to (ASNT-TC-1A):
 - Level (II) Ultrasonic testing (U.T), expiry date 14/07/2025.
 - Level (II) Radio graphic testing (R.T), expiry date 14/07/2025.
 - Level (II) Magnetic Particle testing (M.T), expiry date 14/07/2025.
 - Level (II) Liquid Penetrate testing (P.T), expiry date 14/07/2025.

- : Lifting Engineer:
 - LEEA (Examination Diploma) lifting gear general.
 - LEEA (Lifting Equipment Engineers Association) Part 1 entry examination of the associations.
 - Occupational Safety and Health Administration (OSHA).
 - North Sea Lifting training course (N.S.L.).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2019 till now
Employer : Worley Parsons Egypt
Project : ASORC Naphtha Complex Project, Assiut
Job title(s) : (QA/QC) Manager, Welding / Piping / Painting / Mechanical & Inspection Engineer (Project Control Department)

Dates : From Jul. 2018 till Feb. 2019
Employer : Balayem Petroleum Company (Petrobel) Egypt
Project : Nidoco #3 PL and piping facilities:

- Damiatta – Port Said
- Piping (Valves rooms, Juber line, Land portion)
- Pipe line P.L. (24, 26, 32") 152 km

Job title(s) : (QA/QC) Manager, Welding / Piping / Inspection Engineer (Project Control Department)

Dates : From Oct. 2016 till Jul. 2018
Employer : GS Engineering & Construction
Project : Egyptian Refinery Company (ERC), Mostorod
Job title(s) : (QA/QC) Mechanical Team Lead, Welding / Piping / Inspection Engineer (Project Control Department) / Test Package A1 Manager (prepare / review / handling / release for hydro test / release for reinstatement / system clear punch / leak test)

Dates : From Jan. 2015 till Oct. 2016
Employer : Engineering for the Petroleum and Process Industrials (Enppi) Egypt
Projects :

- Petrochemical Project (Polyethylene and Ethylene)
- Amria Refinery Company
- Gasco shutdown
- Taurus and Libra and Sharing Facilities Project at Rashpetco Company

Job title(s) : (QA/QC) Team Lead, Sr. (QA/QC) Welding / Piping / Mechanical / Inspection Engineer (Project Control Department)

Dates : From Jul. 2011 till Dec. 2014
Employer : Engineering for the Petroleum and Process Industrials (Enppi) Egypt
Project(s) : Rehabilitation of GUPCO complex s plat forms at Suez Gulf July 10, R6, M36 GUPCO/British petroleum (B.P) at Ras shukeir - Alexandria Almaadia workshop, Qattamia workshop

Job title : (QA/QC) Team Lead, Sr. (QA/QC) Welding / Piping / Mechanical / Inspection Engineer (Project Control Department)

Dates : From Jan. 2011 till Jun. 2011

Employer : ARAMCO from B.V - Alkhobar (KSA)

Projects :

- ABQAAQ sulfur development plant (1, 2, 3, 4, 5) and power supply – KSA
- SHEDGUM Upgrade sulfur plant PH (II) (S.G.P) – KSA

Job title : Sr. (QA/QC) Welding / Piping / Inspection Engineer (Project Control Dept.)

Dates : From Jan. 2008 till Jan. 2011

Employer : Germanischer Lloyd (GL) – Doha, Qatar / Consolidate Contractors Company (CCC) – Qatar

Projects :

- Doha on call off basis
- Ras Laffan:
 - Common cooling sea water system ph (II) recirculation consumers & IPP-3
 - QGX (Qatar Gas Extension) train 6 & 7
 - Q.G (Qatar Gas) LNG development project
 - Dolphin Co. (shut down)
 - Strategic Gas Transmission Project (SGTP) 36" P/L 123 KM
- Masaeed fabrication of 4 accommodation plat form (SLP and MARSEAK)
- Dokhan area with Qatar petroleum company (Q.P)
- Industrial area workshops activities
- Material Controller and inspection at hay Jong sub-contractor to CCC for welding and painting activities for steel structure and piping to CCW2
- Review/Prepare QA/QC documents (Procedures, WPS, WQT, PQR, ...) at Q.P Q.G, RGX, ...

Job title(s) : Sr. (QA/QC) Welding / Inspection (Project Control Department) - At CCC as main contractor and sub-contractor - At GL as TPI, Inspection, Client Rep.

Dates : From Apr. 2007 till Jan. 2008

Employer : Badr Eldeen (BAPETCO)

Project : Bapetco gathering plant and pipe lines (niage, yomana, badr 1, badr 2, badr 3) – Western Desert (Egypt)

Job title : QA/QC Welding / Piping (Project Control Department)

Dates : From Oct. 2005 till Apr. 2007

Employer : The Petroleum Project and Technical Consultation Co. (Petrojet) (Egypt)

Project(s) : Petrochemical Project (Urea, Ammonia) Piping, tanks, vessel - Suez central workshop at Suez, Damietta MOPCO

Job title : QA/QC Welding (Project Control Department)

Dates : From Sep. 2004 till Oct. 2005

Employer : Universal Petroleum Company (U.P.S) (Egypt)

Project(s) :

- GUPCO at R/SH
- PETROJET Suez, Port Said, Cairo, Zeit Bay
- PMS barges

- Visual inspection, NDT and load test for British Petroleum (BP) accessories and cranes (Mobil, overhead, gantry, ...)
 - PETROBEL (visual, NDT and load test) for lifting equipments)
 - New fabrication and in services activities at Petrobel comp pipe line and gathering plants and plat forms onshore and offshore
- Job title** : QA/QC Welding / Lifting Engineer (visual, NDT and load test) for lifting equipments)
- Dates** : From Mar. 2004 till Sep. 2004
- Employer** : Gulf of Suez Petroleum Company (GUPCO)
- Project(s)** : New fabrication and in services activities at Gupco pipe line and gathering plants and plat forms onshore and offshore - Ras Shukeir, Ras Bakr, Ras Ash and PMS barges
- Job title** : QA/QC Welding (Project Control Department)
- Dates** : From Mar. 2002 till Mar. 2004
- Employer** : PETROBEL Co.
- Project(s)** : New fabrication and in services activities PETROBEL pipe line and gathering plants and plat forms onshore and offshore - Sinai (Balaeem, Ras Gara) and PMS barges
- Job title** : QA/QC Welding (Project Control Department)
- Dates** : From Mar. 2001 till Mar. 2002
- Employer** : Casting Company (ductile cast iron)
- Job title** : QA/QC Engineer for Ductile cast iron
- Field of experience** :
- (QA/QC) Manager and Welding, Piping, Mechanical and Inspections Engineer at Worley Parsons as PMC at ASORC NAPHTA COMPLEX PROJECT (ISBL) CCR (Assiut Oil Refinery Company) at Assiut – Egypt, Sr. QA/QC Welding, Piping, Mechanical and Inspections Engineer at Worley Parsons as PMC at NAPHTA COMPLEX PROJECT (ISBL) CCR (Assiut Oil Refinery Company) at Assiut – Egypt.
 - QA/QC Team Lead Petrobel (Belayeem Petroleum Company) at Nidoco #3 project PL (24, 26, 32”) 155 KM from Abumady plant to Elgamil plant and piping facilities (Damiatt – Port Said) Egypt.
 - QA/QC Functional Manager at GS Engineering and Construction at Egyptian Refinery Company Project (Cairo - Mostorod) Egypt.
 - QA/QC Manager at Enppi Company at Egypt:
 - Amria phenol extract unit at Alexandria - Egypt.
 - Taurus and Libra Project at Alexandria – Egypt.
 - Gasco shut down at Alexandria – Egypt.
 - Petrochemical (Ethylene, Polyethylene) at Alexandria - Egypt.
 - Rehabilitation project (R6) off shore plat form at Ras shukeir and its piping fabrication at PTJ Madia Alexandria work shop.
 - QA/QC Supervisor at Aramco at (abqaq, shadqum, kharasania, desulpherizatin plants, ...) at Alkhobar at K.S.A.
 - QA/QC at QP, RGX, QGX, QCS, DOLPHEN, SLP, MARSEK Company at Ras laphan, Dokhan and Massaeed at Qatar State through Consolidate Contractors Company (C.C.C.) and Germanischer Lloyd.

- QA/QC Piping / Welding / Mechanical at:
 - Gupco, Ras shukeir - Red Sea, Egypt.
 - Bapetco western desert, Egypt.
 - Petrobel Sinai / Port Said, Egypt.
 - Petrojet Suez, Alexandria, Damiatta – Egypt.
- Duties QA/QC Manager:
 - Leadership Skills:
 - ❖ Willingness and ability to accept instructions / orders from top managements.
 - ❖ Willingness and ability to give orders in a clear and concise manner.
 - ❖ Willingness and ability to take responsibilities.
 - ❖ Capacity to listen and good communications.
 - ❖ Trust team to act in professional manner.
 - ❖ Willingness and abilities to support members of team on mechanical and administrative issues.
 - Technical Skills:
 - ❖ Knowledge of technology.
 - ❖ Knowledge of normative documents (codes, standard, specifications, ...).
 - ❖ Knowledge of planning.
 - ❖ Knowledge of organization.
 - ❖ Knowledge of quality auditing.
- Summary:
 - More than 12 years as QA/QC Team Lead and Manager.
 - Worked as site quality assurance and quality control (QA/QC) Mechanical team lead Sr. (QA/QC) Welding / Piping / Mechanical and Authorized API plant inspector in (Onshore/Offshore) activities.
 - Witness/Reviewed Quality plan, ITP, WPS, PQR, WQT.
 - Review NDT, Hydro test, PWHT, Insulation and Cladding procedures.
 - Witness /reviewed Welder procedure qualification.
 - Interpretation of RT films / phased array.
 - Witness of hydro test. Leak test, service test, pneumatic test and flange integrity management.
 - Witness of Valves testing at testing Facilities (ball. check, gate, butterfly).
 - Witness of PWHT.
 - Pre-installation, Inspections, bolt down, checking external, internals, boxing up and painting/coating of static equipment.
 - Receiving, pre-installation, setting, leveling, preliminary alignment, final tightening, final alignment and Inspections of rotating equipment.
 - Witness/Review insulation and cladding.
 - ITR (inspection test reports and punch list) to clear as lifting engineer for inspection of lifting accessories, hooks, chains, slings, wires and cranes.
- Onshore activities:
 - As construction of oil / gas storage facilities, refiners and petrochemical plants (piping system, tanks, pressure vessels), pipe lines, Steel structure (supports (pipe supports, site run, pipe bridge), saddles, gratings, stairs, handrails, ladders, ...).
 - As in service Preparation and monitoring of pre tar (visual, TM,

- NDT) welding, PWHT, hydro test, ITR (punch list) and Post TAR.
- Off stream (tar work or shut down) inspection, NDT, hydro test ITR (inspection test report) and inspection of hot/cold insulation and cladding work scope for piping, above ground storage tanks & pressure vessel.
- Offshore activities:
 - As construction laying of submarine rigid pipelines (flow lines – water injection lines – trunk lines), risers and spool pieces, Installation of drilling and production platforms (jacket – decks - boat landing – barge plumbers) and closing top side.
 - As in service (rehabilitations of plat forms) of (oil & gas) plants (piping, Pressure vessel, P/L), facilities, maintenance of existing platforms and demolishing of deteriorated (pipelines/piping) and replacement.
 - Off stream (tar work or shut down) inspection, NDT, PWHT, hydro test, ITR (inspection test report and inspection of hot/cold insulation and cladding work scope for piping, above ground storage tanks & pressure vessel.
- Generally:
 - Held position of (QA/QC) site manager (onshore and offshore); responsible completely about of the Implementation quality requirements regarding all project execution phases through Tight and effective application of project quality procedure. Worked as quality engineer, the responsibilities were about.
 - Project quality assurance including preparation of all quality documents in addition of Supervision on the pre-fabrication yard.
 - These duties includes but not limited to preparation of Project quality plan – project ITP – Welding procedure – MRR.MIR for receiving material mechanical test (qualitative and quantitative) tests - NDT procedures - Welding / Welder qualification and NDT procedures qualification.
 - Evaluation and supervision on vendors/subcontractors/suppliers of all activities regarding quality, inspection, and testing.
- Responsibilities:
 - During the employment; number quality positions was held, these positions varies in role and duties. Here listed below the main responsibilities of these positions:
 - ❖ Preparation of PROJECT QUALITY DOUCUMENTS in accordance with company specs.
 - ❖ Fulfill requirements of applicable codes/standards & Client's specification, such as: Project Quality Plan– Inspection and Test Plan – NDT Scope – Welding Procedure – Approved welder.
 - ❖ List – NDT Procedures - Approved NDT Personnel – Equipment calibration list...etc.
 - ❖ Issuing bid requisitions for purchasing NDT consumables/suppliers and welding consumables. Check the Quality aspects of the procurement requisitions and relevant orders affecting quality, Issue a calibration equipment list for each project.
 - ❖ Verification of conformity and effectiveness of quality management system through holding internal audits and

- external audits on sub-contractors.
- ❖ All duties of welding inspector (Prior-during-after) welding, review and control all welding parameters as per approved WPS, welding consumables, heat treatment, qualified welders, calibrated machines ...etc.
- ❖ Welding performance and welding procedure qualification in accordance with the applicable specification, in addition; selection of the most suitable welding process or the project, welding electrodes, current, shielding gases, ...etc. and furnishing of the proposed welding procedure which will be qualified later on.
- ❖ Interpret all NDT, PWHT, Hydrostatic/Pneumatic test results, and evaluate if further evaluation is required.
- ❖ Inspection (Physical inspection) of various material, with different product shapes (i.e., plates – pipes – flanges – bolts - valves) and conformity with MTC and FAT certificates.
- ❖ Dimensional verification against AFC drawings, and ensure that that the latest revision of project documentation and drawings are being employed.
- ❖ Reviewing of Project Drawings and Preparation of Site Query Technical Query and concessions reports.
- ❖ Ensure that that the latest revision of project documentation and drawings are being employed, and all the documentation / drawings are approved for construction (AFC).
- ❖ NDT procedure writing with conformance to the applicable code and specifications, and the qualification each NDT procedure.
- ❖ Performance of NDT, result interpretation, evaluation and report furnishing. All products configurations such as TKY connections, butt joints, forging and casting.
- ❖ Onshore and offshore pipeline (erection, welding, NDT, coating, insulation, cladding, cathode protection).
- ❖ Have knowledge about rotating equipment (levels, alignments, foundations, grouting, bolts and tightness).
- ❖ Deal with most calibrators NDT equipment and good knowledge of in-house calibration.
- Health, Safety & Environment (HSE):
 - ❖ Full awareness of permit to work system, risk assessment, holding tool box meetings.
 - ❖ Safety precautions during radiographic testing and radiation survey on offshore platforms and marine vessels & during radioactive sources transportation, Disposal of exhausted chemicals.
 - ❖ Partnership and leading of safety auditing teams.
 - ❖ Implementation of the safety procedures/documents/data sheets related to inspection work (i.e. application of the requirements of the MSDT for PT, MT, developer and fixer ...etc.).
 - ❖ Responsible about radiation dose monitoring for personnel working under my supervision, through collecting personnel dose rate from the personnel dosimeters and badge films; and handing over the (films) to responsible authorities, and employ its recommendations.
- ACTIVITIES:

- Mechanical / Authorized API Plant Inspector (Piping, Tanks, Pressure vessels, Rotating and static Equipments):
 - ❖ In service piping inspections (VT, TM, dim, ...).
 - ❖ Repair, Re-rating, and Alterations (process, mechanism and authorizations).
 - ❖ Participating in preparation of mechanical and test packs.
 - ❖ Responsible for preparation of mechanical punch list.
 - ❖ Verifying physical as built and drawings.
 - ❖ Witness the hydrostatic test of shell, seat, and body test of different kinds of valves (e.g. gate valve, butterfly valve, globe valve safety release valve...) at testing facility according to API 598 or according to the applicable standard.
 - ❖ In service inspection (visually, thickness measurement).
 - ❖ Following up destructive test (D.T.) and non destructive test (N.D.T.).
 - ❖ Pre-installation, Inspections, bolt down, checking external, internals, boxing up and painting/coating and thermal insulation of static equipment.
 - ❖ Receiving, pre-installation, setting, leveling, preliminary alignment, final tightening, final alignment thermal insulation and Inspections of rotating equipment.
- Sr. (QA/QC) Welding / Piping Engineer:
 - ❖ Experience in new constructions piping system fabrication, installation, maintenance and demolishing of on shore and off shore oil and gas plants Welding Inspection.
 - ❖ Preparation Inspection test plan of (ITP), Welding maps, Material Receiving Report (MRR) according to Material Certificate & Owner specification. Cover (NDT) Visual, RT, PT, MT, UT & PMI (Positive Material Identification).
 - ❖ Responsible for all the duties of the welding inspector before, during and after welding, including: Welder Qualification with Conformance the applicable codes and standards.
 - ❖ Preparation and monitoring Welding Procedure Specification (WPS, PQR) preparation and qualification WQT (welder qualification test).
 - ❖ As per Drawing & Specs related to Client and Applicable International codes.
 - ❖ Supervise the preparation of destructive test samples, reviewing the calibration certificates of the machines before testing and compare the results against the specification requirements and applicable code.
 - ❖ Pre-weld inspection & Verification that dimensions Fit-up and weld preparations are in accordance with the engineering drawings.
 - ❖ Welding consumables identity Verification of correctives of welding consumables (electrodes, filler Wires, Consumable inserts, gases, fluxes, etc.).
 - ❖ Preheating Verification that preheat (where required) is in accordance with specified procedures.
 - ❖ Post weld visual inspection and dimensional check of completed welds against specification requirements and drawings.
 - ❖ In-process welding surveillance during welding to verify

- compliance with specified procedure including any preheat, inter pass temperature control and post heat requirements.
- ❖ Post weld heat treatment Verification that post weld heat treatment has been conducted in accordance with Specification requirements (PWHT and Hardness Leak (Pressure Vacuum, & Pneumatic) etc. Heat Treatment of all types of pipes with different programs and materials.
- ❖ Destructive tests (Quantitative & Qualitative Taste).
- ❖ Inspection of insulation and Cladding for cold and hot process as per line test (line designation table) and type of insulation (process, thickness, ...) as per spec. and codes.
- (ASNT-TC-1A):
Non-Destructive Examination Performance, interpretation and evaluation of the results for the following Non-Destructive Examination:
 - ❖ Ultrasonic Examination/PAUT INTERPRETAION:
 - Ultrasonic test (thickness measurements).
 - U.T. Procedure preparation and report writing with conformance of the applicable code and specification.
 - Thickness Measurements and lamination Detection using A-Scan equipment such as (Kraut Kramer USM 35 & USM 25) and Resonance Digital equipment (Kraut Kramer DM4).
 - Dealing with different U.T. (Calibration and DAC) Blocks such as IIW V1, IIW V2, NAVSHIPS, IOW, Step, ASME & DNV Base Metal DAC Block ...etc.
 - Review PAUT procedure and its requirements General and copra scan and PAUT interpretation (OLYMPUS with OMNI scan).
 - ❖ Radiographic Examination:
 - Interpretation of radiographic films.
 - R.T. Procedure preparation and report writing with conformance of the applicable code and specification Radiographic film interpretation for all configurations welding, casting and forging.
 - Dealing with radioactive isotopes in case of emergency, preparation of emergency plan and supervision on its application.
 - Shielding design and shooting area safety.
 - Deal with all R.T. safety equipment including surveyors, Beeper's, dosimeters, etc.
 - ❖ Magnetic Particle Inspection (MPI):
 - M.T. Procedure preparation and report writing with conformance of the applicable code and Spec.
 - Dealing with the different MT yoke and calibration blocks Liquid Penetrant Examination.
 - ❖ Liquid Penetrant Test (LPT):
 - L.P.T. Performance and report writing.
 - L.P.T. Procedure preparation and report writing with conformance of the applicable code and Spec.
 - Test performance for both visible and florescent dye.
 - ❖ Visual Examination:
 - V.T. performance and report writing.
 - Capable to use all the visual testing tools such as HI-LO

gauge, fillet gauge, Camber age universe Material inspection.

- Piping material like pips, fittings, flanges, caskets (composite, spiral wound) covering CS, SS, low temp.
- Steel, duplex, income, and low alloy steel.
- Valves (gate, globe, ball, solenoid, actuator and positioned, check, needle, gear operated, butterfly, safety, etc.).
- Tubing, connectors, fittings for instrumentation, heat exchangers, steam tracing lines, SS, Duplex, Copper nickel, Al bronze, etc.
- Fittings (sock lets, weld owlets, tees, LR ad SR elbows, nipples, flanges (slip on, loose flange with collar, orifice plates, and weld neck, etc.).
- Galvanized and electroplated items.
- Welding electrodes and consumables.
- Piping (welded and seamless) Inspection included 100% visual, dimensional at random, and verification of MTC.
- Inspection report to check for complains with Material specification and client specification.
- Visual inspection also includes traceability check by correlation of material marks against MTC and test report. Conversant with ASTM, ASME, BS, API specification and standards All weld gauge, etc.