

Holds a B. Sc. in Mechanical Engineering and a Diploma in Welding Engineering. Has about 32 years experience in Quality Inspection as well as maintenance with expertise in modern inspection techniques, Equipment erection and alignment (Rotating & static erection), Commission, NDT, Welding, Piping Installations, Internal Auditing, Radiographic Interpretation, hot tapping, Cross-Country Pipeline, Flow Lines, Storage tanks. Directing and overseeing quality assurance and quality control sciences and processes in an oil & gas, petrochemical and fertilizers manufacturing environment. Ability to coordinate with client, consultant, stakeholders, sub-contractors and suppliers. Maintain specifications, produce statistical documentation and communicate with senior-level managers regarding quality issues. Provide supervision and training to quality team members. Sustain quality and compliance levels.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Engineering, Menoufia University, 1991  
: Diploma in Welding Engineering, Alexandria University, 1999

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: CSWIP 3.1 Welding Inspector.  
: CSWIP 3.2 Senior Welding Inspector - Level 3.  
: ISO 9001:2008 Lead Auditor (IRCA Certified).  
: PMP Project Management Professional (course attendance).  
: API (570, 510, 650...etc.) Codes Interpretation (course attendance).  
: Diploma in Total Quality Management (TQM) from A.U.P.S.  
: INASP (International Association of Safety Professionals).  
: Level II SNT-TC-1A RT.  
: Level II SNT-TC-1A UT.

- : Level II SNT-TC-1A PT.
- : Level II SNT-TC-1A MT.
- : Level II SNT-TC-1A VT.
- : H2S/BA (QP APPROVED).
- : Welding of Stainless Steel, Central Metallurgical Research & Development Institute, Cairo, Egypt.
- : Welding codes and Welding Qualification, Atomic Energy Authority, Alexandria, Egypt.
- : Welding Metallurgy & nondestructive testing, Central Metallurgical Research & Development Institute, Cairo, Egypt.
- : Corrosion in the Petroleum & Chemical Industries, American University in Cairo.
- : Welding Maintenance, Tabbin Institute for Metallurgical Studies.
- : Testing Methods of Welding Joints, Comibassal International, Alexandria, Egypt.
- : Radiographic Film Interpretation for Welding & Casting, Atomic Energy Authority, Alexandria, Egypt.
- : Inspection & Quality control of Welding Joints, Atomic Energy Authority, Alexandria, Egypt.
- : Corrosion & resistance of Rust, Alexandria University.
- : Welding Technology, Egyptian Welding Academy.
- : Basic concepts of Reverse Engineering, Egypt for Information & Technology.
- : Corrosion & Cathodic Protection, American University in Cairo.
- : Heat Transfer & Heat Exchanger, Abu Qir Fertilizers & Chemicals Industrial Company.
- : Insurance Engineering - The Egyptian Consulting Group.
- : Metal Cutting Technology Boring & Drilling, Central Metallurgical Research & Development Institute, Cairo, Egypt.
- : Safety Training Courses:
  - Job Hazard Analysis.
  - Confined Space Operations.
  - Scaffold Safety.
  - H2S Training, Q.P Approved.
  - Effective Communication.
  - Permit to Work.
  - Industrial Hygiene.
  - Advanced Fire Fighting.
  - MSDS (Material Safety Data Sheet).
  - Knowledge of Bechtel's Zero Accident Philosophy.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2019 till Sep. 2023
- Employer** : TUV- Rheinland
- Projects** :
  - Fagour-Meleiha Pipeline 130 KM New Crude oil 10"Dia
  - New Oil Station & Up Stream new Manifold
  - Arkadia, Meleha SWM-04Gas Pipeline 12 KM 8", 6", 10 Dia. & 35 KM (6") Dia

**Job title** : TPI Inspection Engineer  
**Job Description** :

- Review of inspection test package during the course of construction activity.
- Coordinating, monitoring, audit of punch list clearance and implementation of punch list procedures to construction contractor.
- Responsible for all walk down and turn over coordinator activities.
- Reinstatement of the hydrostatic tested lines.
- Attend more than 10 Shutdown.
- Perform all daily inspections and tests of the scoop and character necessary to achieve the quality of fabrication/construction required in the drawings and specification for all works under the contract performed.
- Monitor implementation of corrective action in response to the identification of non-conforming products/services.
- Reviewing/Approval of all Quality related documents like MTC, ITP, PQR, WPS, procedures, data sheets, etc., from the vendor/supplier.

**Dates** : From May 2017 till May 2019  
**Employer** : RINA International / Egypt  
**Project** : Zohr Development Project – Zohr Onshore Gas Plant – Phase 01 & 02 (Piping, Steel Structure, pressure vessel fabrication, hydro test & Test package)

**Job title** : Senior QA/QC Engineer  
**Job Description** :

- Responsible to control the quality of all fabrication of structural steel & piping as per the approved drawings.
- Responsible to control for all contractors for the installation & erection of structural steel, welding, NDT, piping etc. as per the approved drawings, ITP's and QCP's.
- A broad technical knowledge of the QA/QC activities related to operation, maintenance, outages /shutdowns/turnarounds, and modification for a large industrial plant.
- Experience in the development and review of work scope specific QA/QC documents such as QCP's and ITP's, QA/QC related technical procedures, and ensuring the qualifications of personnel are suitable for the specific tasks.
- Excellent Communication skills to liaise with Company managers, engineers, supervision, and contractors.
- In all aspects of best practice QA/QC, to carry out and ensure site activities are undertaken in the correct manner e.g., HSE, technical, planned, engineered, procured and interface awareness.
- Experience in the development of a 'Quality Culture' across a small organization with many different nationalities.
- Experience in managing the QA/QC aspect in Contract management process.

**Dates** : From Mar. 2015 till Apr. 2016  
**Employer** : Intertek International  
**Project** : Rosetta / Sharing Facilities Project  
**Job title** : Senior Welding Inspector

**Job Description** : 

- Review ITP for all related Quality Activity.
- Coordinate with the client for Updating project Quality Documents, Drawing Register, and transmittal.
- Review & Approve (Vendors and Sub Contractors) Quality plans, Inspection and Test Plans (ITP), Procedures (Factory Acceptance Test (FAT), Sites Acceptance Test (AST), Welding, NDT, hydrostatic/Pneumatic Test, Packing and preservation), Method Statement, Manufacturing Data book (MDB), Vendor document Register.
- Ensure all staff had proper training and experience prior being assigned to dedicated job tasks.
- Review Inspection, Test, and Plans as submitted by the Contractors and ensure compliance with contracts.
- Check all materials and equipment as delivered on site and ensure its compliance with approved materials and Specification.
- Review project drawings with reference to contract specification and relevant codes, Standards and specification.
- Inspect, witness and review of all the construction activities that includes prefabrication, welding & testing.

**Dates** : From Apr. 2012 till 2015

**Employer** : Bemco & Almabani Engineering Company

**Project** : Construction of District cooling plant - Qatar Foundation Education City

**Job title** : Senior Inspector Engineer

**Job Description** : 

- Reviewing, supervising, monitoring, fabrication, installation, inspection (both at factory and at site) and quality control of Piping, structural steel work, Stage inspection, receiving, in-process, final inspection & visual inspection with ISO 9001 auditor experience.
- Reviewing of ITPs, WPS, PQR, and Verification of welder Qualification.
- Performing non-destructive testing to detect discontinuities in components during material processing.
- Generating and maintaining correspondence and submittal logs (Material Submittal, Inspection Request, Method of Statement and Non-Conformance Report) ensuring update daily.
- Knowledge of Code and Standard such as (API-1104) DIN 2635-ASME-B31.3-ASME B31.9-ASME-IX-ASME-V-ASME-B16.5(-API 570-API 577-API 574-API 578-API 571).
- Responsible for technical review and acceptance of contractor material selections, welding procedures and NDT program.
- Fully Conversant with (UL 142) fabrication of above-ground storage tanks.
- Monitoring Welding, Fabrication, Repair, Inspection, and piping, perform visual inspection for the completed weld and advise by repair procedure (if required).
- Conducting and monitoring quality assurance audits during the different EPC stages.

**Dates** : From Sep. 2007 till Mar. 2012

**Employer** : Arabian Bemco Contracting Co.

**Project** : New Doha International Airport (NDIA) - CP-13 - Qatar

**Job title** : Senior Welding Inspector  
**Job Description** :

- Developing, implementing and managing the Quality Assurance and Quality Control requirements, procedures and contract for piping and related facility construction projects.
- Reviewing and approving NDT reports, Witness and Monitor pre-heating and post-weld heat treatment, RT, PT, MT, PMI and UT activities at project site as per specification requirement.
- Coordinating with the HSE, quality and technical teams through management review meetings, kick off daily/weekly progress meetings to keep channels of communication open, review progress, ensure better coordination and expedite work within the project team.
- Reviewing and approving projects quality plans.
- Managing procedures qualification for different materials including: St. St, LTCS, CS, Alloy Steel, and power plant material (P11, P22, P91).
- Interpretation of radiographic films.
- Managing piping workshop welding activities.
- Documenting, implementing, and maintaining of health, safety, and environmental rules/ procedures in all plants.

**Dates** : From May 2005 till Sep. 2005

**Employer** : Consolidated Contractors Company

**Project** : Jubail Chevron Philips Petrochemical Complex, KSA

**Job title** : Senior Welding Engineer

**Job Description** :

- Ensuring the welds are performed by qualified welders in accordance with approved procedures / site welding instruction sheets (SWIS) and the resultant welds are in compliance with the requirements.
- Performing surveillance and final inspections of welds, part and completed fabrications as required by the Inspection and Test Plans, and documenting all of the inspections electronically using relevant databases and / or on the appropriate formats.
- Providing Technical experience to QA/QC site inspection personnel in all matters related to Inspection activities and policies on surface mechanical plant and equipment.
- Reviewing ITP for all related quality activity.
- Quality control of welding consumables, parameters and purge control, preheating and inter pass temperature control.
- Monitoring NDT status and penalty status.

**Dates** : From 2005 till 2007  
From 1991 till 2005

**Employer** : UHDE

**Projects** :

- Abu Qir Fertilizer and Chemical Industrial Company Phase IV (Site QA/QC Manager (Inspection)) (from May 2002 till Sep. 2004)
- Abu Qir Fertilizer and Chemical Industrial Company Phase III (from Oct. 1998 till Aug. 2000)
- De NOX Environmental Programmer (from Nov. 1998 till Mar. 1999) (Head Section QC Engineer)
- Abu Qir Fertilizer and Chemical Industrial Company Phase II (from Jul. 1991 till Mar. 1992) (Site QC Engineer)

- Job title** : Piping Construction Manager
- Job Description** :
- Manage all Engineering, procurements and construction activities of an allocated project to ensure completion in accordance with design criteria, within time, within budget and within safety targets, for the achievements of profit objectives in a cost-effective manner.
  - Ensure excellent workflow and job execution levels for external contractors involving in outsourced job like scaffolding, Welding & fabrication, insulation, valve repairing, Manpower supply, mechanical seal maintenance, bolt tensioning and HVAC maintenance contracts, ...etc.
  - Responsible for piping prefabrication & erection work of rotary and static equipment's.
  - Adapt and handle piping operations and actively involved in the modification of piping and structures in compliance to ASME / ANSI B 31.3, ASME Section I, VIII, AWS D1.1 norms, DIN & ASME IX.
  - Experienced in handling all kind of materials like CS, LTCS, HTCS, Alloy Steel, Low Alloy steel, High Alloy steel, Stainless Steels in Piping and Structural fabrication & Erection.
  - Ensure all activities are performed with close coordination of other departments e.g. Contracts, planning, procurement, Quality control and Quality assurance.
  - Assign manpower and equipment in accordance with priorities, forecasting man power / equipment's & coordinating with Head Office for such requirement.
  - Monitor materials delivery and ensure all checks of equipment as per vendor specifications.
  - Ensure all project activities are performed productively, according to specification and schedule in the most efficient and cost-effective manner, and continually seek improvements in the work system.
  - Identify material specifications, inspection requirement and organize for stage inspection as required.
  - Prepare work schedule of all related activities to ensure smooth operation of task/project.
  - Oversee the preparation of safe erection plan.
  - Ensure all the activities are performed in accordance with the company or client HSE rules; Men working are wearing protective clothing and using required safety equipment's.
  - Adhere to company policies, procedures, government laws, rules and regulations and working requirements.
  - Good experience in handling end to end project management functions of large Upstream and Downstream EPC projects from bid stage to execution and handover stage.
  - Experience in construction site, manpower and equipment deployment requirement and fabrication of piping, Steel structure, Pressure vessels etc. NDT and quality control system & heavy lifts.
  - Conversant with Project Planning, Project design, costing.
  - Supervise all construction aspects of the project from international competition, negotiation and award of contract to an international EPC.
  - Determine, plan and provide Project Management resources to all scopes of work.
  - Familiar with international Standards for design, engineering,

construction and operation of Multidiscipline projects e.g. API, ASTM, BS, DIN, etc.

- Experienced in handling all kind of materials like CS, LTCS, HTCS, Alloy Steel, Low Alloy steel, High Alloy steel, Stainless Steels in Piping and Structural fabrication & Erection.
- Awareness of material selection during piping fabrication, modification or repairing according to international standards and codes.
- Attend more than 25 shutdowns in petrochemical plant, Fertilizer, oil & gas.

- Field of experience :**
- Summary: Lead Inspector with 32 years of experience, and a broad technological knowledge across the field. Oversaw multiple leadership & managerial positions and handled liaising with suppliers, personal qualification checks, implementation of new “work culture” and cost-effective plans, and QA/QC across simultaneous projects. Examples of projects worked on Airports, oil stations, and onshore gas plants; during which the implementation & maintenance of new company policies and quality standards were done. In conclusion whether it be counseling, personal training & guidance, or material testing & evaluation all can be done within a cost-effective manner and the highest standard; to promote any organization towards its future vision.
  - Core competencies:
    - Leadership.
    - Counseling.
    - Full project management.
    - Efficiency management.
    - Maintenance of the height’s possible standards.
    - Plant inspection.
    - Testing and evaluation of materials.
    - Component calibration & repair.
    - Knowledge of international standards.