

Holds a B. Sc. in Mechanical Power Engineering and has over 12 years of work experience in the Quality Control / Quality Assurance, supervision, welding and non-destructive testing in the fields of oil and gas onshore and offshore and petrochemical during construction and in-service projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 18/10/1989  
Gender : Male  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Port Said University, 2011

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : CSWIP 3.2.1 – Level III – Senior Welding Inspector – Certificate No. 308612.
- : CSWIP 3.1 - Welding Inspector - Certificate No. 102681.
- : VT - Visual inspection level II according to ASNT-SNT-TC-1A.
- : RT - Radiography level II according to ASNT-SNT-TC-1A.
- : PT - Liquid Penetrant level II according to ASNT-SNT-TC-1A.
- : MPI - Magnetic particle level II according to ASNT-SNT-TC-1A.
- : UT - Ultra sonic level II according to ASNT-SNT-TC-1A.
- : The COSHH Risk Assessor Certification - Certificate No. 16555782.
- : ADVANCED H2S GAS COURSE - Level II in compliance with ANSI Z390.1 at MAERSK.
- : Lean Six Sigma Yellow Belt Certificate – United Safety and Quality Council.
- : Lean Six Sigma White Belt Certified – Management and Strategy Institute – Certificate No. 47701053.
- : Six Sigma White Belt Certificate – Aveta Business Institute – Certificate No. zLIQTNfuE.

- : ISO 9001:2008 & ISO 19011:2011 - IQA - at TOTAL.
- : ISO DIS 9001-2015 awareness and overview at MEMST - Certificate No. 105/06.
- : Project Management Essentials Certified – Management and Strategy Institute – Certificate No. 47791288.
- : FIRE FIGHTING training at Belayim Petroleum Company.
- : SOLID WORKS certificate from Faculty of Engineering at Cairo University.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2023 till now
- Employer** : SAUDI ARABIAN OIL COMPANY / ITT S.P.A
- Project** : BERRI DEVELOPMENT – EXPAND ABU ALI CRUDE PROCESSING FACILITIES BI-10-00640, KSA
- Job title** : Senior QC Inspector
- Job Description** :
- Review all applicable specifications, plans, submittals, and other documents pertaining to the material and fabrication requirements of the construction project.
  - Conduct Quality Control/Assurance inspection of all operations at the structural steel fabrication shop.
  - Prepare comprehensive inspection documentation to provide a basis for acceptance of the work inspected according to Aramco specification.
  - Verify and report on acceptability of certificates of compliance, mill reports, Quality Control reports, destructive and non-destructive testing reports, and other applicable fabrication and material reports.
  - Review and comment on all applicable requests for information, working drawings and other submittals associated with the fabrication of the work.
  - Know and follow the safety and health rules and safe working practices applicable to his or her job.

- Dates** : From Oct. 2022 till Sep. 2023
- Employer** : ARAB POTASH COMPANY / BUREAU VERITAS EGYPT
- Project** : THE CONSTRUCTION OF HOT LEACHING COMPACTION PLANT, Egypt
- Job title** : Senior Welding Inspector
- Job Description** :
- Review Procedures, Material submittals & other submittals related to structural steel works.
  - Review of shop drawings & Fabrication drawings.
  - Ensure the site fabrication follow the approved drawings and connection details.
  - Review the reports provided from the various factories and Fabrication locations.
  - Ensure that all works done are in accordance with the approved drawings, project specification and Local & International standards & codes.
  - Conduct material receiving inspections on site.
  - Coordination with Site team for the various inspections and testing.

**Dates** : From Dec. 2018 till Sep. 2022  
**Employer** : TCI SANMAR CHEMICALS S.A.E / ENGINEERING CONSULTING SERVICES (ECS)  
**Project** : IN SERVICE INSPECTION / IN SERVICE MAINTENANCE, Egypt  
**Job title** : QA/QC Senior Mechanical Engineer  
**Job Description** :
 

- Lead inspection team while conducting off-stream and on-stream inspection on the plant stationary equipment including pressure vessels, heat exchangers, tanks and piping systems according to Company established policies and procedures and issues inspection reports.
- Supervise and participate in the inspection activities of plant stationary equipment such as vessels, boilers, tanks and heat exchangers during shutdowns to check condition of equipment and note observations on cracks, pits, thinning and any other pattern of erosion, corrosion and other interior failure.
- Coordinate with the Operations Planning and Maintenance supervisors such activities as the scheduling and planning of inspections, obtaining the request permits and performing any required special audits of equipment.
- Supervise inspection team during maintenance and capital project works being carried out in the plant to ensure that specified maintenance practices and procedures are followed for welding, installation and fabrication as per policy and in compliance with international fabrication codes and standard.
- Supervise inspection team while conducting NDT examinations on mechanical equipment and piping. Tests include Penetrant examination (PT), magnetic particle inspection (MPI), ultrasonic testing (UT), radiography (RT) and Borescope.
- Prepare technical reports on inspections and NDT tests, highlighting any abnormalities and issue.
- Monitoring welding of different types of materials such as A106 gr.b, A 333 gr.6, Monel 400, Inconel 625, Titanium, SS 347, SS 304, SS 316L, SS 310S and zirconium.
- Monitoring welding consumables, storage and usage as per project specification for different electrodes such as ER70S-6, ER80S-Ni1, ER316L, ER310S, ER347, ER308L, ER3.9L, ERTI-2, ERZR-2, ERNICU-7 and ERNICRMO-3.

**Dates** : From Jan. 2018 till Nov. 2018  
**Employer** : BELAYIM PETROLEUM – ENI / QUALITY CONTROL CO. (QCCO)  
**Project** : PORT FOUAD GAS FIELDS IN SERVICE INSPECTION, Egypt  
**Job title** : Welding / NDT Inspector  
**Job Description** :
 

- Carrying out visual inspection complemented with NDT examination for the static equipments and piping circuits.
- Assessment on minimum required thickness and any other pattern of erosion, corrosion and other interior failures.
- Supervision and provision of necessary technical guidance to contractors regarding Inspection, NDE, welding, fabrication activities.
- Routine Thickness Survey and Visual inspection of all static equipments and piping circuits selection of TML points and measurement of UT thickness in accordance with Risk Based Inspection (RBI) software.
- Liaise with maintenance department supervisors in all aspects of repairs.

- Inspection and Hydro testing of valves and pipe spools.
- Reviewing Inspection Test Plans, WPS & PQR and stage wise inspections for project fabrication jobs.
- Follow up Fabrication, Erection and Inspection of site & shop fabricated Piping.

**Dates** : From Oct. 2017 till Dec. 2017  
**Employer** : PETROLEUM PIPES COMPANY (PPC) / APPLUS VELOSI  
**Project** : PIPELINE 16 INCH API 5L FABRICATION, Egypt  
**Job title** : Welding / NDT Inspector  
**Job Description** :

- Third Party Inspector at IPIC factory to follow up pipes' fabrication, welding and testing.
- Review MTC of incoming material.
- Witness for chemical and mechanical tests (tensile, impact, bend, hardness and macro test).
- Witness for production and monitor the forming and welding of pipes and check all required parameters.
- Witness / review of UT on/off line, RT, dimension and hydrostatic.
- Issue the certificate of conformity and release note certificate.

**Dates** : From Jun. 2016 till Oct. 2017  
**Employer** : BELAYIM PETROLEUM - ENI / RINA  
**Project** : ZOHR GAS FIELD & NEW CHEMICAL YARD, Egypt  
**Job title** : CLIENT REP. WELDING INSPECTOR  
**Job Description** :

- Review of WPS and PQR as per project specification.
- Perform welding inspections that is before, during and after welding activities at site that is during construction of API 620, API 650 tanks according to API standard and project specification.
- Inspecting fit up and welding of piping systems as per ASME B31.3 and client specification.
- Following up welding processes of SMAW, GTAW, FCAW, SAW, GMAW.
- Monitoring welding of carbon steel and low temperature carbon steel materials such as A106 GRB, A333 Gr 6, A671 CC70, A672 C70.
- Monitoring welding of stainless-steel materials such as A312 TP316/316L, A358 Gr. 316/316L.
- Monitoring welding consumables, storage and usage as per project specification for different electrodes such as ER70S-6, ER80S-Ni1, ER316L, E7018-1H4, E8018-C3, E316L.
- Following all quality control procedure, inspection and test plan.
- Checking joint fit-up & Monitoring and controlling welding consumables.
- Reviewing filler wires and electrodes of welding procedure specification.
- Qualification and performance monitoring of welding personnel.
- Inspecting of steel structures pipes racks fit up, bolts tightening as per approved drawing.
- Follow up installation of pipes racks steel structures missing parts as per punch list.
- Review and approval of Inspection Reports.
- Following up welding activities during construction of pipelines.

- Oversee pipeline during construction, review welding procedure and usage of proper materials to ensure compliance.
- Review Pipeline construction permits.
- Ensure that pipeline construction is according to applicable regulations, guidelines, professional standards and supervisory directives in order to assess compliance.

**Dates** : From Jul. 2015 till Jun. 2016

**Employer** : SUBSEA 7 – BRITISH PETROLEUM / BUREAU VERITAS

**Project** : WEST NILE DELTA – TAURUS, LIBRA PHASE 1 & GFR PHASE 2, Egypt

**Job title** : CLIENT REP. WELDING INSPECTOR

**Job Description** :

- Review Weld Procedure Specifications for code compliance, surveillance of each Welder's Performance Qualification Testing.
- Review of Daily, weekly and Monthly weld reports and weld reject rates.
- Verify that weld identification and traceability will be maintained for the project and audit of weld traceability, ID numbers, Pipe Numbers, Inspection Reports.
- Verify that all sites welding is performed according to procedures, specifications, codes, & standards.
- Verify that system configuration, completeness, and NDE is complete to support Pressure testing of approved piping.
- Perform Surveillance of Radiography Reports and review radiographic film.
- Maintain daily log of inspection activities.
- Visual inspection of the surface preparation and welding.
- Advise on the Controlling and handling the consumables in the store and welding booth.
- Monitor field installation of piping and welding performance of contractor's site program (Petrojet Coating Factory, Port Said, EGYPT).
- Review all welding documents, PQP, WPS, PQR and ITP.
- Follow up pin brazing activity and all related inspection examination.
- Witness for visual and magnetic particle inspection according to standard specifications.
- Carrying out inspection of incoming material (Pipes, Anodes, Welding electrodes...etc.).
- Review and approve for inspection reports for all visual findings and follow up the corrective actions.
- Performing dimensions control check according to approved drawings.
- Review final Packages according to standard specifications.

**Dates** : From Jan. 2014 till Jun. 2015

**Employer** : PORT SAID ENGINEERING WORKS COMPANY

**Project** : SHIPBUILDING AND SHIP REPAIR VARIOUS PROJECTS, Egypt

**Job title** : QA/QC Engineer

**Job Description** :

- Following up Fabrication workshop that serves multitude of industries such as Oil and Gas, Power Stations.
- Following up all welding activities of (SMAW, SAW, GMAW and FCAW).
- Preparing and reviewing WPS, PQR, and ITP & Quality PQP for various projects.

- Preparing and monitoring welder performance qualification tests WPQT under the TPI supervision.
- Performing required receiving inspection for materials.
- Managing all NDT activities to planned requirements, method of statements and applicable standards and preparing the test packages for repair and new construction projects.

**Dates** : From Apr. 2013 till Jan. 2014  
**Employer** : PORT SAID ENGINEERING WORKS COMPANY  
**Project** : PROPELLERS WORKSHOP FOR SUEZ CANAL AUTHORITY, Egypt  
**Job title** : QA/QC Engineer  
**Job Description** :

- Review of WPS and PQR as per project specification.
- Performing materials receiving inspection.
- Verify that all sites welding is performed according to procedures, specifications, codes, and standards.
- Follow up installation of steel structure parts as per approved drawings.
- Conduct dimension control inspection.
- Prepare NDT reports.

**Dates** : From Mar. 2012 till Mar. 2013  
**Employer** : PORT SAID ENGINEERING WORKS COMPANY  
**Project** : BANHA CC POWER STATION 750MW, Egypt  
**Job title** : QA/QC Engineer  
**Job Description** : Responsible for all quality activities during the construction of two carbon steel solar tanks with 35 m diameter and two stainless steel demineralized water tanks with 12 m diameter and fire filtered tank with 14 m diameter with their piping systems, cooling system and all other attachments.

**Dates** : From Jan. 2012 till Mar. 2012  
**Employer** : PETROLEUM COOPERATIVE SOCIETY CO. / PORT SAID OFFICE FOR QUALITY (PSQ)  
**Project** : COOP FAYOUM SHUTDOWN, Egypt  
**Job title** : Welding / NDT Inspector  
**Job Description** :

- QC Inspector during Integrity and repair of solar and mazout vertical storage tanks.
- Performing NDE such as VT, DPI, UT thickness measurement, Vacuum box for mazout and solar tanks.
- Preparing NDE reports and locate the defected areas according to thickness calculations and API 653.
- Following up repair process and installation of new plates.
- Preparing final Packages according to standard specifications.

**Dates** : From Jul. 2011 till Jan. 2012  
**Employer** : PORT SAID OFFICE FOR QUALITY (PSQ)  
**Job title** : QA/QC Engineer  
**Job Description** :

- QA/QC Welding and NDT Inspector at many projects for multiple clients in Oil and Gas field.
- Examine structures such as pipelines, tanks and pressure vessels using

non-destructive testing (NDT) techniques.

- Visually examine materials, structures, or components using tools and equipment for signs of corrosion, cracks, or other flaws.
- Identify defects in solid materials using ultrasonic testing techniques.
- Interpret the results of all methods of non-destructive testing (NDT) such as leak, liquid penetrant, magnetic particle, radiographic, ultrasonic, and visual testing.
- Prepare reports on non-destructive testing (NDT) results.
- Interpret or evaluate test results in accordance with applicable codes, standards, specifications, or procedures.

- Field of experience :**
- Worked at reputable companies such as Subsea7-Bp, Bureau Veritas, Rina and Applus Velosi.
  - Experience in vendor inspection and expediting assignments.