

Holds a B. Sc. in Mechanical Engineering and has over 4 years hands-on experience working in QA/QC, including 3 years in the oil, gas and petrochemical fields.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/12/1988  
Gender : Male

## EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2013

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

- : IRCA CERTIFIED AUDITOR / LEAD AUDITOR - ISO 9001:2008 (Quality) - Valid Certificate.
- : QUALIFIED NDT INSPECTOR - N.D.T Level II (UT) Acc. to (ASNT – TC – 1A) - Valid Certificate.
- : QUALIFIED NDT INSPECTOR - N.D.T Level II (RT) Acc. to (ASNT – TC – 1A) - Valid Certificate.
- : QUALIFIED NDT INSPECTOR - N.D.T Level II (MT) Acc. to (ASNT – TC – 1A) - Valid Certificate.
- : QUALIFIED NDT INSPECTOR - N.D.T Level II (PT) Acc. to (ASNT – TC – 1A) - Valid Certificate.
- : QUALIFIED NDT INSPECTOR - N.D.T Level II (VT) Acc. to (ASNT – TC – 1A) - Valid Certificate.
- : Undertaking course: CERTIFIED WELDING INSPECTOR (CWI) – Jan. 2018.
- : Inspection for piping system components API (574 & 570).
- : Piping process ASME B31.3.
- : Welding technology.
- : Documentation and repair.
- : Permit to work system training course.

- : Hot Tapping training course.
- : PWHT/ Stress relieving training course.
- : Radiographic protection training course.
- : Material selection.
- : Selecting of Welding wires & electrodes.
- : Repair of Welding (Theories & Applications).
- : Safety Induction for oil and gas plants.
- : Repairs during shut downs.
- : Quality assurance and documentation system.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2015 till now
- Employer** : Quality Control Company (QCC)
- Project** : In Service Inspection, Western Desert
- Job title** : QA/QC Engineer for Khalda Pet. Co. (APACHI)
- Job Description** :
- Following up welding activity over pipe lines and equipment.
  - Reviewing material validity & assuring consistent with specs.
  - Reviewing inspection disciplines (Painting, Welding, Hydro testing, etc.) over pipe lines and static equipment.
  - WQT, PQR & WPS Reviewing, approving and assuring meeting specifications requirements.
  - Assuring material & Procurements used consistent with project specification.
  - Participated and involved in shut downs activities (plant/phase shutdowns) including inspection, review method statement and planed schedule, review ITP, material validity, welding activity, hot tapping, repair procedures, hydro testing/leak testing, flange management, installing/replacement of equipment and instruments.
  - Pipeline prefabrication inspection & construction drawing reviewing & approving.
  - Carried out in-service pipelines, pressure vessel and storage tanks inspection for existing station including (repairs and welding, NDT, corrosion allowance, installation anodes and instruments, installation equipment and hydro testing).
  - Applying Non Destructive Examinations (Routine / Non Routine Inspection).
  - Corrosion Monitoring for equipment / process lines – by using UT thickness survey method.
  - Following up access fitting installation activities including lamination testing, welding and hot tapping.
  - Carried out visual inspection for pre-fabrication & site new fabrications for replacement & new extensions.

- Dates** : From Apr. 2014 till Apr. 2015
- Employer** : Quality Control Company (QCC)
- Project** : Qasr Compression Gas Station, Western Desert
- Job title** : QA/QC Engineer for Khalda Pet. Co. (APACHI)

- Job Description** :
- Monitoring fabrication and installation of more than 72.000 Dia. Inch(s) to existed station through four main compressors, material used (DUPLEX, LTCS, C.S & Stainless Steel).
  - Assuring Project specification under control.
  - Reviewing material certificates & assuring consistent with specs.
  - General auditing system on construction plan & ITP.
  - Reviewing inspection disciplines (Painting, Welding, Hydro testing, etc.).
  - WQT, PQR & WPS Reviewing & assuring meeting specifications requirements.
  - Assuring material & Procurements used consistent with project specification.
  - Pressure vessels & Storage tanks fabrication and erection.
  - Pipeline prefabrication inspection & construction drawing reviewing & approving.
  - Equipment installation inspection.
  - Piping construction and in-service inspection & Pipe manufacturing inspection.
  - Monitoring piping activities and testing (C.S., S.S, L.T.C.S and DX.ST.ST.) during fabrication, installation.
  - Radiographic interpretation with acc. to codes & standards recommended.
  - Supervision of Hydro testing activities (punching, pre-cleaning, pressurizing, depressurizing and rupture disc post cleaning) and pre-commissioning punching.
  - Participated and involved in pre-commissioning and commissioning activities (Re-Instatement punching, system punching, gross leak testing and commissioning leak testing).
  - Supervision of all shut downs and tie-in(s) activities including review method statement, material validity, welding activity, hot tapping, repair procedures, hydro testing/leak testing, flange management, installing /replacement of equipment and instruments.
  - Carried out in-service pipeline inspection & pressure vessel inspection for existing station including (repairs and welding, NDT, corrosion allowance, installation anodes and instruments, installation equipment and hydro testing).
  - Participated and involved in general safety audit to ensure that the safety is adhered to at site.
  - Review and endorse welding and NDT reports.
  - Review of material test certificate (MTCs), welding procedures and welders certifications.
  - Witness performance / Calibration tests as applicable.
  - Assembly and fit-up inspection.
  - Witness final visual and dimensional inspection.
  - Reviewed / approved all inspection records according to the Inspection and Test Plan and applicable codes and standards.
  - Verification / monitoring welding and NDT activities during fabrication, construction, installation and hook-up.

**Dates** : From Jun. 2013 till Mar. 2014  
**Employer** : SA International – Egypt  
**Project** : In Service Inspection, King Maryout – Alexandria

- Job title** : QA/QC Engineer for MIDOR
- Job Description** :
- Applying Non Destructive Examinations (Routine / Non Routine Inspection).
  - Corrosion Monitoring for equipment / process lines – by using UT thickness survey method.
  - Coating & painting supervising to ensure that the specific requirements by the owner were applied.
  - Carried out visual inspection for pre-fabrication & site new fabrications for replacement & new extensions.
  - Witnessing vacuum box test for tank bottom repair.
  - Monitoring receiving and material handling and review Material Test Certificates (MTCs).
  - Witnessing Hot tapping operations, examinations and selection area for pre-taped by using UT thickness survey.
  - Carried out internal auditing to ensure that all documents and records are maintained.
  - Ensuring that the Inspection and Test Plan (ITP) implemented as per client's requirements.
  - Participated and involved in Risk Based Inspection (RBI) screening unit's selections & monitoring, economical analysis Requirements in accordance with API 580 min. requirements.
  - General static equipment inspection (Heat exchangers, In-Service Storage tanks, Pressure vessels, power boilers) with acc. to (TIMA, API(s), ASME).
  - Participated and involved in Safety Supervision & risk assessment reviewing in accordance with ISO 18001.
  - Carried out In-service inspection for pipeline and static equipment.
  - Participated and involved in Cathode Protection monitoring.
  - Heat Exchanger in service inspection & fault analysis and supervising & witnessing NDT advanced technology for heat exchangers tubes (such as Biro scope).
  - Participated and involved in carrying out failure mode analysis & tracing in accordance with API 571.
  - Witnessing & supervising applying post weld heat treatment (PWHT) for piping and pressure vessel.
  - Carried out fit-up & dimensional control inspection.
  - Carried out lamination examination for pressure vessel plates.
  - Determining the proper testing method required for maintaining mechanical integrity for O&G equipment.
  - Carried out and witnessing hardness examination after PWHT for base metal, HAZ and weld metal.
  - Participated and involved in Major Shutdown Maintenance work (Delayed Coker Unit) (from 14-11-2013 to 14-12-2013), heat-treatment operations, RTI for repaired welding, Welding inspection for new welded joints.
  - Participated and involved in Major Shutdown Maintenance work (Distillate Hydro treater, Sulphur & gas treating & Hydro cracker Unit) (from 25-01-2014 to 25-2-2014), heat-treatment operations, Extensive testing plan for heat exchangers including (PT, MT, UT & Hardness testing), Hydro testing & Pneumatic testing.

- Dates** : From Sep. 2012 till Jun. 2013
- Employer** : Freelance jobs with Abu Qir Power Station, STYRNECS, Poly Ethylene, etc.
- Project** : Multi project in difference places in Alex. include (Abu Qir Fertilizers, Abu Qir Power Station, STYRNECS and Poly Ethylene)
- Job title** : QC Junior Engineer
- Job Description** :
- Carried out visual inspection for piping and steel structural.
  - Fitting up measurements & dimensional Analysis.
  - General NDT Technician.
  - Carried out fit-up & dimensional control inspection.
  - Carried out lamination examination for pressure vessel plates.
  - Carried out and witnessing hardness examination after PWHT for base metal, HAZ and weld.
  - Witnessing & supervising applying post weld heat treatment (PWHT) for piping and pressure vessel.
  - Supervising and carried out visual inspection for sea fastening.
  - Carried out visual Inspection & witness repairing works for above ground storage tanks.
  - Applying Shear wave technique for new fabricated pressure vessels at Mansoura Petroleum Company.
  - Participated in Fire fighting System design, Material Selection & Marketing Survey for Abu Qir Petroleum - Egypt.

- Field of experience** : PROFESSIONAL EXPERIENCE & SKILLS GAINED THROUGH WORKING WITH Abu Qir Power Station, STYRNECS, Poly Ethylene, EPROM, S.A. INTERNATIONAL, MIDOR REFINERY PLANT & KHALDA PET. CO. (APACHI):
- More than 3 years extensive working experience in the oil, gas and petrochemical fields.
  - Experience has been gained from Supervisory and QA/QC inspection positions on a wide range of mechanical, structural and piping projects to ensure that the work will be in line with the project requirement, specific codes & standards, project Inspection and Test Plan, and Specific Project Procedures approved by the COMPANY.
  - Materials Inspection most on oil and gas industrials, for onshore, Review vendor, subcontractor QC documentation, Review QA/QC documentations, Review completion documentations, Supervise / monitors QC activities, Monitor fabrication and production activities, Review reports and verify compliance with quality system procedures and contractual requirements, Monitors QA/QC activities, NDT and welding engineering discipline performance during project execution.
  - Welder and welding Testing qualification (WPS, PQR & WPQ).
  - Pipelines construction QA/QC inspection & supervision.
  - In-service and new petroleum equipment QA/QC inspection.
  - Static equipment installation QA/QC inspection.
  - Familiar with the general requirements of those Specification and Procedures relevant to the hydrocarbon, Petrochemical and Onshore Industries including API, ASTM, ASME, AWS, ISO, DIN, DNV & BS. etc.
  - Familiar with the principles and applications of techniques employed in the Construction and allied industries for the Control and Monitoring of Costs and Materials.
  - Fire fighting Systems, Risk Evacuation Plans & Auditing.

- Familiar with the application and interpretation of Cathodic Protection and heat treatment.
- Total Quality Management Minimum requirements & Quality Principle theories.
- Familiar with Principles of Process Control with respect to Quality Control Principles.
- HSE Precautions with respect to SOLAS, OSHA (1926-1910) Requirements.
- Applying Internal Audits with Respect to ISO 9001.
- Storage oil tank in-service inspection with acc. to API 653.
- Steel structure installation, verticality and mechanical completion.
- Mechanical completion, pre-commissioning and commissioning for piping systems.