

Holds a B. Sc. in Production Engineering and has over 9 years experience in inspection and construction fields for Welding, Piping, steel structure in oil & gas refinery and petrochemical projects. Well familiar with Welding processes, procedures, and piping either fabrication, erection procedures and all related work activities such as fit up, PWHT, NDT, hydro test and Materials such as CS, LAS, SS, DSS, INCONIL and familiar with codes like ASM EB31.3 / ASMEIX / API650 / API 653 / AWS D. 1, etc.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 13/08/1989  
Gender : Male

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Certified Welding Inspector (CWI).
- : Certified TANK Inspector (API653).
- : Certified and Approved in Non-Destructive Testing with the recommendation of the ASNT – SNT – TC – IA for:
  - Phased Array (PAUT).
  - Ultrasonic Testing.
  - Radiographic Testing.
  - Magnetic Testing.
  - Liquid Penetrant Testing.
  - Visual Testing.
- : H2S and SPCA training courses.
- : THUET training course.

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2023 till now  
**Employer** : Petrojet  
**Project** : Shutdown at Petrobel (Oil & Gas)  
**Job title** : QC Welding, Piping, Tanks Inspector
- Dates** : From Feb. 2023 till Apr. 2023  
**Employer** : SERIMAX  
**Project** : Offshore 14" pipeline installation  
**Job title** : QC Welding, Piping & NDT Coordinator
- Dates** : From Aug. 2022 till Feb. 2023  
**Employer** : Petrojet  
**Project** : MIDOR Refinery Expansion Project  
**Job title** : QC Welding, Piping & NDT / Shutdowns Coordinator
- Dates** : From Nov. 2021 till Aug. 2022  
**Employer** : Petrojet  
**Project** : Elite Engineering, KSA  
**Job title** : QA/QC Welding, Tank Inspector & PAUT / Shutdowns
- Dates** : From Mar. 2020 till Nov. 2021  
**Employer** : Petrojet  
**Project** : MIDOR Refinery Expansion Project  
**Job title** : QC Welding, Piping & NDT Coordinator
- Dates** : From Mar. 2017 till Feb. 2019  
**Employer** : GS E&C  
**Project** : ERC Refinery Project  
**Job title** : QC Welding, Piping Inspector
- Dates** : From Mar. 2016 till Mar. 2017  
**Employer** : PETROJET  
**Project** : ZOHR DEVELOPMENT PROJECT  
**Job title** : QC Welding, Piping Inspector
- Dates** : From Feb. 2015 till Mar. 2016  
**Employer** : PETROJET  
**Project** : West Nile Delta Project  
**Job title** : QC Welding, Piping Inspector

**Dates** : From May 2014 till Feb. 2015  
**Employer** : PETROJET  
**Project** : Polyethylene Project  
**Job title** : QC Welding, Piping Inspector

- Field of experience** :
- Duties of QC Welding & Piping Inspector:
    - Prepare all documents for piping systems.
    - Receive and check all materials (pipes, fittings, flanges, valves) according to code and standard.
    - Suggest ideas to accelerate piping activities in site to complete project in time.
    - Cooperate with all piping team to achieve best performance in piping and mechanical completion.
    - Review all documents, designs and drawings before mechanical equipment installation.
    - Maintain accuracy in all piping activities and ensure compliance for all material specifications.
    - Dimension check, visual inspection for welds and prepare dimension Check WPS, PQR and ITP.
    - Responsible on studying applicable codes, standard and Specification to extract the acceptance criteria for welding and requirements of NDT. Review and check test package (as built drawing, punch list, P&ID, NDT reports, welding summary, calibration equipment's reports used in hydro test and hydro test reports).
    - Prepare all equipment punch lists and verify all items are in place and act as an agent for the company during punch list activity.
    - Controlling all inspection activities on site (Welding Inspection, Testing the Welders, Dimensional Survey, NDE Operation (PAUT, VT, RT, PT, MT, UT)).
    - Check welding equipment, weld preparation, fit up, cleanliness, preheat, interpass cleaning, interpass temperature, PWHT, electrode storage and handling, etc.
    - Inspection of all materials delivered at site such as valves, pipes, fittings, and flanges.
    - For phased array: Prepare the scan plan, calibration for Olympus devices, evaluation and interpretation, issuing specification and final documentation.
  - Duties of QC Equipment Inspector:
    - Equipment receiving visual inspection to ensure that no physical damage and all accessories comply with drawing / packing list / data sheet.
    - Pre-installation inspection: Check (foundation release report, check shim pad, levelness, concrete chipping, cleaning and anchor bolts).
    - Installation of equipment: check (direction as per drawing, installation of shim plates and anchor bolt tightening).
    - Pre-Alignment: check to ensure that horizontal, vertical, axial tolerances are achievable.
    - Final Alignment: anchors fully tightened, number of shims as per project specs or API686, Flange parallelism, flange offset, soft foot, suction / discharge flanges tightening, pipe strain and DBSE.

- Final inspection: check coupling has been installed, torqued, lubricated (if required) as per vendor recommendation, equipment earthing, painting, insulation (if required).
- Duties of QC Tank Inspector:
  - Above storage tank inspection as per API, DWGS, SPECS and procedure.
  - Bottom plate inspection & testing & vacuum test.
  - Shell plates testing (peaking, panning and plumbness).
  - Zero weld testing.
  - Fixed & floating roof inspection.
  - Non-destructive testing (MT, PT, UT and RTFI).
- Duties of Offshore QC Piping Welding:
  - Offshore 14" pipeline installation, Top side facility installation.
  - Coordinating quality activities with subcontractors and any other individual parties who may be working on the same site.
  - Responsible for receiving all materials supplied to the project and assuring they comply with project material specification and international codes (AWS D1.1, DNV ST-F101, ASME B31.1, B31.4).
  - Supervision of welding and reviewing all NDT examinations and reports.
- Duties of QC Piping Welding/Tanks for Shutdowns:
  - Alteration of nozzles (cutting by plasma) and monitoring the welding activity for the new one.
  - Applying all necessary NDT as per procedures.
  - Tank evaluation for corrosion and pitting (calculation of tmin).