

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience working in maintenance and QA/QC.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 11/01/1988  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2010

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Solid Works

## **TRAINING COURSES AND CERTIFICATIONS**

: CSWIP 3.1 (certificate number 113161).  
: Certified Welding Inspector (CWI), American Welding Society.  
: ASNT Level II: ultrasonic test – radiographic test – magnetic particles test – dye penetrant liquid test – visual test.  
: Hydraulic systems, Electro-hydraulics and Proportional valves.  
: HVAC & Fire fighting design systems.  
: Trainings at:

- Cairo Inspection Company (CIC): non-destructive examination & inspection services.
- SMG Company for MEP works.
- Egypt Air Company.
- Elsewedy Company.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2017 till now  
**Employer** : ORASCOM CONSTRUCTION INDUSTRIES  
**Project** : Combined Cycle Power Plant  
**Job title** : QA/QC Engineer

**Dates** : From Jul. 2016 till Mar. 2017  
**Employer** : BUREAU VERITAS  
**Job title** : QA/QC Engineer  
**Job Description** :

- Monitoring welding activities and laying down subsea pipe line (offshore).
- Monitoring fabrication activities of construction new platform.
- Carry out inspection activities as welding, dimension control, hydro test.
- Review ITP and all QC documents In order to release note to be issued/approved.

**Dates** : From Jun. 2015 till Jun. 2016  
**Employer** : DSD FERROMETALCO (Egypt)  
**Job title** : QA/QC Engineer  
**Job Description** :

- Perform Ultrasonic Examination according to AWS D1.1, ASME BPVC section V & ISO 11666.
- WPS, PQR-ITP revision.
- Inspection on steel structure, piping, wind farm steel towers.
- Inspection on weldments & dimension check.

**Dates** : From Jun. 2013 till May 2015  
**Employer** : Khalda Petroleum Company (through Quality Control Company)  
**Job title** : QA/QC Engineer  
**Job Description** :

- Inspection on pipelines & piping.
- Piping fabrication, construction of pipe lines.
- Inspection on weldments.
- WPS, PQR-ITP revision.
- Radiographic Film Interpretation.
- Non-destructive examinations.

**Dates** : From Oct. 2010 till May 2013  
**Employer** : Rexroth Bosch Agency), Egypt  
**Job title** : Maintenance Engineer  
**Job Description** :

- Maintaining and repairing hydraulic systems & hydraulic system components.
- Proceed and interpret the results of performance test of hydraulic system components (pumps, hydraulic motors, valves, hydraulic cylinder, etc.) on the test bench.
- Test, repair & charge hydraulic accumulator with nitrogen gas.
- Assist Maintenance Engineering Manager in monitoring and troubleshooting use of maintenance procedures and maintenance management activities.

- Proceed hydraulic oil analyses.

**Field of experience :**

- About 7 years of continuous employment in the fabrication industries, working as a member of project Quality team. Extensive Experience in Oil / Gas Projects, power plants and direct experience involving both Quality Assurance and Quality Control roles on:
  - Oil & Gas Processing Plants.
  - Petrochemical & Refinery Plants.
  - Offshore Projects.
  - Power Plant Projects.
- Quality Control:
  - Assist Quality Engineering Manager in monitoring and troubleshooting use of project procedures and project quality management activities
  - Share Pre-Inspection Meeting's to ensure that the quality requirements and expectations are fully understood and implemented prior to commencement of work activities.
  - Prepare and Review inspection and test plans, Quality control procedures, PWHT procedures, NDT procedures, WPS / PQR and inspection reports.
  - Review of Quality & Inspection plans submitted by Contractors as per Client requirement including release and acceptance certificates of completed works.
  - Auditing raw materials to the relevant certification. Inspection of materials used in the construction of pressure vessels, piping, pipe line, Valves, Tanks, Rotary Equipment and structures. Surveillance of QC activities for compliance with the written specifications and procedures.
  - Carry out all the detailed Internal Inspection, plus also the Physical External Inspection for piping, tanks & pressure vessel.
  - Closely monitor site activities to ensure quality of work is in compliance with contract requirements, good construction practice, only approved materials are used, compliance with shop drawings.
  - Verify that required inspections, examinations, and tests of systems, subsystems, or components have been performed and results properly documented.
  - Interpret inspection and test results to determine compliance with design requirements.
  - Conducting welding inspections of piping, Pipe line, Storage Tanks and structural steel.
  - Monitor and/or witness, the inspection hold points and final inspection for release for Valves, Fittings, Tubes, Plates, Pipes, Structural Steels, Vessels etc.
  - Witnessing of welding procedure and welder performance qualification tests including related mechanical testing.
  - Review and Prepare repair procedure as per standards if any such warranted based on the inspection. Ensuring quality during the repair/fabrication jobs.
  - Determine inspection frequency and NDT methods for stationery equipment and corroded parts.
  - Interface and coordinate with Non Destructive Examinations (NDE) sub-contractors, testing Agencies, clients and third party inspection agencies for production and QC matters and all related inspection

- activities.
- Conducting routine surveillance inspections on the activities involving welding, dimensional inspection, grit blasting and painting of Pressure Vessels, Piping and Structures at different stages of fabrication.
  - Ensure that required quality records and documents are properly prepared and maintained.
  - Monitor closeout of deficiencies documented in Non-Conformance Reports, Rejection Notices, Contractor Material Receiving Reports, etc.
- In-depth practical and technical working knowledge of:
    - Familiar with international codes and standards like ASME, API, AWS, EN, etc.
    - Inspection of raw materials (Column, vessel, Heat-exchanger, Pumps, Pipe, Plate, Fittings, valves, steel structural and consumables) and verification of mill certificates, dimensional check & condition of material.
    - Fabrication, installation, erection and inspection of piping system of different materials (CS, SS and Duplex SS).
    - Various welding procedures (SMAW, GMAW, FCAW, SAW and TIG).
    - Steel Structural fabrication, erection, alignment and bolt tightening.
    - Fabrication activities related to infrastructure projects, Brazing, Soldering, HVAC, plumbing ....etc.
    - Prepare Test packs and line check prior to conduct hydrostatic test.
    - Calibration of various equipment and instruments (pressure gauges, PRV and welding machines).
    - Mechanical Testing (tension, Hardness, Bending, Macro, Micro, Impact, PMI and proof load test).
    - Calibration of Valve test units.