

Holds a B. Sc. in Mechanical Production Engineering and has over 10 years experience, including 7 years working in steel structure industry at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 24/06/1990  
Gender : Male  
Residence : Obour City, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Production Engineering, Helwan University, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Excellent  
German : Basics  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD, Photoshop, Top Solid  
: Solid Works, Google Sketchup

## **TRAINING COURSES AND CERTIFICATIONS**

: CSWIP BGAS Grade 2.  
: NDT (5 methods) level 2.  
: CSWP of Solid Works.  
: Corrosion & Paint Technical.  
: Turbo machinery (EGYCET).  
: SIPP Techniques (MI SWACCO).  
: Shocks & Vibration course (Pathfinder Base).  
: Stuck Pipe course (Pathfinder Base).  
: Baker Hughes (yard training) (Sep. 2010).  
: Halliburton (yard training + performance enhancement) (Aug. 2010).  
: Baker Hughes (fishing job training) (Aug. 2011).  
: PLC (level 1), SIEMENS (Jul. 2012).

- : 909 Factory (diesel engines manufacturing) (Jul. 2011).
- : 200 Factory (tanks assembly line) (Jul. 2010).
- : Programming CNC turning machine (ITC) (Mar. 2011).
- : Top Solid program (ITC) (Feb. 2012).
- : Manufacturing Gears (ITC) (Apr. 2011).
- : English: Intermediate level certified by British Council.
- : German: 2 levels (A1) at M.O.D.L.I.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2021 till now
- Employer** : NSF EGYPT, Sokhna
- Projects** :
  - Mono-Rail East Cairo Fabrication & Erection Project
  - Tavazzano Power Plant
- Job title** : QC/QA Engineer
- Job Description** :
  - QC assembly, fabricating, welding processes of parts Inspection according to (ASME & AWS).
  - Making QC reports of parts after fabrication according to AWS.
  - Material receiving according to ASME, AWS acceptance criteria.
  - QC Galvanizing Process according to ASTM A123 / A143 & different standards.
  - Welding Engineer responsible for site welding consumables, welding store, welder qualifications, welders' productivity and WPSs & PQRs arrangements.
  - Managing the ITP points with clients and contractors.
  - Delivery the final work to client & 3rd Party.
  - Making NDT requests at MAX program & extract reports from NSF Server.
  - Leading Material Sampling according to Project specs.

- Dates** : From Sep. 2016 till Sep. 2021
- Employer** : ARCONS EGYPT, Cairo
- Job title** : QC/QA Senior Engineer
- Job Description** :
  - Projects Erection:
    - Erection of Combined Cycle Boiler Piping of Brullus Power Plant 4800MW with ORASCOM & SIEMENS:
      - ❖ Coordinate with main contractor and owner companies for handover and completion procedures.
      - ❖ Review and Prepare final hand over packages Prepare all QC technical documents (ITP's, quality procedures method of statements.
      - ❖ Prepare weekly and monthly reports for management.
      - ❖ Maintain and improve site quality level.
      - ❖ Successfully and Timely completion of sites welding activity.
    - Fabrication & Erection 3 Tanks of Ras Badran Floating Roof Crude Oil Storage Tanks (110mDIA) according to API 650.
    - Fabrication & Erection 6 Tanks of Angola Power Plant (CAMAMA & Morro Bento) with ELSWEEDY T&D Co according to API 650.

- ❖ Review material certificates according to ASME, API 650 & B16.5.
- ❖ Execute the steps of project according to ITP discussed with the client.
- ❖ Supervising fit up process, make final visual check & make vacuum test for both annular & Bottom plates.
- ❖ Perform final visual inspection for both vertical & horizontal joints of shell with supervision of fit up work.
- ❖ Perform RT% for both annular plates & shell plates according to API 650 & welding map.
- ❖ Check roundness & Plumpness, Peaking & Banding according to API 650 & DWGs.
- ❖ Perform full visual, PT & pneumatic test inspection for all nozzles & supervise fit up & weld of roof.
- ❖ Check the total height and plumpness according to API 650.
- ❖ Apply 100% PT test to weld joint between shell & Bottom with checking of roundness.
- ❖ Close all NCRs and Punch list points.
- ❖ Check settlement of tank during hydro test levels (25, 50, 75%) and full tank.
- ❖ Supervise blasting & painting of tank according to project specs.
- Projects Fabrication:
  - Leading QC team at ASME joint review (U, R, S).
  - Fabricating (3 STACKS of Al-Shabab & West Damietta PP) for ASEC ARESKO Co.
  - Fabricating (Handrails, Ladders, Steel structure) for NSF Co. Great Egyptian Museum & New Capital project.
  - Air vessels tanks & separator with EDC Co.
  - Piping Spools erection & fabrication with EDC Co.
  - Sheds & Tanks of NPCO Co. gas stations.
  - Sokhna harbor steel structure & Cement forms with CHEC Co.
  - Mansoura 1 & Mansoura 2 at new capital with HAC Co.
  - NCIC Sokhna Plant with HAC Co.
  - ALNOURAN Sugar plant with HAC Co.
  - Leading QC team at ISO (9001-14001) renewal.
    - ❖ QC assembly, fabricating, welding processes of parts Inspection according to (ASME & AWS & API 510, 650).
    - ❖ Making QC reports of parts after fabrication according to ASME & AWS.
    - ❖ Material receiving according to ASME acceptance criteria.
    - ❖ QC sand blasting & painting of marks according to EN ISO 8501-1 & different standards.
    - ❖ Welding Engineer responsible for site welding consumables, welding store, welder qualifications, welders' productivity and WPSs & PQRs arrangements.
    - ❖ Inspection of small bore piping of the boiler and Cladding.
    - ❖ Managing the ITP points with clients and contractors.
    - ❖ Delivery the final work to client Inspectors.
- Companies involved:
  - SIEMENS.
  - ORASCOM.

- IREM.
- ASEC.
- ELSWEEDY T&D.
- HASSAN ALLAM HAC Co.
- EDC.

**Dates** : From Jun. 2015 till Sep. 2016  
**Employer** : PowerServ  
**Job title** : Mechanical Construction Engineer  
**Job Description** :
 

- ABU SULTAN Power Plant FW pumps (KSB) for Unit 4, 600MW:
  - Piping Erection QC responsibilities.
  - Arranging project scheduling and follow up piping activities.
  - To issue weld maps for all pipelines isometrics
  - Evaluate the daily and weekly site progress, and report to the site manager.
  - Prepare the as built drawing.
  - Supervision of alignment works.
  - Archiving project documents according to ASME.
- Walydia Power Plant Hydrogen unit (HYDROGINICS) 624MW:
  - Arranging project scheduling and follow up piping activities.
  - Evaluate the daily and weekly site progress, and report to the site manager.
  - Design layouts and structure designs by Google Sketchup.
  - Manufacturing stainless steel spool of water treatment line for the client.

**Dates** : From Mar. 2014 till Mar. 2015  
**Employer** : Schlumberger Egypt  
**Job title** : MWD / LWD  
**Job Description** :
 

- Lay down tools safely and assembly it and make tests.
- Install sensors & Equipments on rig.
- Meetings with owner co. representatives for revising drilling plan.
- Giving exact readings to steer drilling process.
- Make daily reports for my managers & owner company.
- Troubleshooting breakdowns and prevent down time.
- Companies involved:
  - Petrobel.
  - GPC.
  - QARUN.
  - ADES.
  - EDC.

**Dates** : From Jan. 2014 till Mar. 2014  
**Employer** : ITC, Alexandria  
**Job title** : Inspector  
**Job Description** :
 

- Supervising CNC workshop during production & safety.
- Inspecting pipes (Visual - Penetration).

- Revising reports of Ultrasonic tests.

**Dates** : From May 2012 till Oct. 2012  
**Employer** : MDC (Management & Development Center), Cairo  
**Job title** : Project Analyst  
**Job Description** :

- Data inputs Excel sheets for monitoring & analyzing.
- Applying 5s techniques at GCF casting workshop successfully.
- Preparing presentations of the plans of lean manufacturing for the factory.
- Making layouts & instruction posters for safety department.

Technical Skills:

- CSWIP BGAS Lv. 2 (BG: 740037).
- Painting & Corrosion knowledge.
- NDT Level 2 (5 Methods).
- Pipe Line Erection.
- Pressure Vessels Fabrication.
- Knowledge of ASME & AWS.
- API 650 Tanks Erection.
- Scaffolding.
- MWD\LWD.
- CNC machinery (TOP Solid).
- Supervision of alignment works.