

Holds a B. Sc. in Mining & Metallurgical Engineering and has over 10 years hands-on experience working in quality control and welding inspection.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/04/1985  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Mining & Metallurgical Engineering, Al-Azhar University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2006 2D

## **TRAINING COURSES AND CERTIFICATIONS**

- : Certificates:
- Aramco Sap No. 70022202.
  - Certified Welding Inspector (CWI), certificate no. 09 06 412 1.
  - Pressure Vessel Inspector (API 510).
  - Authorized Piping Inspector (API 570) (certificate no. 45942).
  - Above Ground Storage Tanks Inspector (API 653) (certificate no. 60099).
  - Risk Based Inspection (API 580) (certificate no. 63711).
  - ASNT Visual Test (VT) course level II.
  - ASNT Radiographic (RT) course level II.
  - ASNT Ultrasonic (UT) course level II.
  - ASNT Liquid Penetrant (PT) course level II.
  - ASNT Magnetic particle (MT) course level II.

- : Training courses:
  - ASME sec. I, II, V, VIII and IX.
  - API 1104.
  - Corrosion technology inspection and preventive for industrial course from American Supplier Institute.
  - AutoCAD 2D.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2014 till now
- Employer** : Saudi Aramco
- Project** : Luberef Yanbu Refinery Expansion, Saudi Arabia
- Job title** : Inspection Engineer
- Job Description** :
- Working as piping & aboveground storage tank Inspector.
  - Inspection for 15 new storage tanks as per Aramco standard and API 650.
  - All in-service inspection activities for 10 storage tanks include:
    - Removal of existing steam coil with S31254 steam coil (RT and hydrotest have been done).
    - Added 4" new nozzle A3 on tank shell (MT and pad leak test have been done).
    - Added 24" new roof nozzle.
    - New platform added.
    - Added 2" nozzle on the neck of 6" nozzle.
    - Added 4 pipe support clips.
    - Added internal pipe 8" nozzle.
    - Added 8" nitrogen blanketing.

- Dates** : From Nov. 2011 till Sep. 2014
- Employer** : Doosan Heavy Industries & Construction
- Project** : El Ain El Sokhna Supercritical Thermal Power Plant (2x650MW)
- Job title** : QC Engineer

- Dates** : From Jan. 2011 till Nov. 2011
- Employer** : KHARAFI National
- Project** : Al-Shabab Power Station (8x125MW) Simple Cycle Gas Turbine Units
- Job title** : QC Engineer
- Job Description** :
- Inspection of the gas turbine parts (turbine, auxiliary, exhaust, generator and air inlet duct) erection as per approved drawing and specification.
  - Check all skids location, level and orientation as drawing and specification.
  - Check alignment for all rotating parts.
  - Check all piping connection (dimension, fit up, welding and inspection required according to inspection plan).
  - Prepare required reports & signing quality plans for final documentation.

**Dates** : From Sep. 2010 till Dec. 2010  
**Employer** : DSD Ferrometalco  
**Project** : Abu Qir Thermal Power Plant  
(Steam Generators & Auxiliaries, 2x650MW)  
**Job title** : QC Engineer  
**Job Description** :

- Inspection of boiler pressure part erection as per ASME I.
- Inspection of boiler power piping as per ASME B 31.1.
- Ensure that QA/QC activities are carried out according to contract, Specification, Codes, Standards and Approved Procedures.
- Monitoring and supervision of welding procedures qualification for different material as per ASME IX.
- Witness of welder qualification tests and certificate approval as per ASME IX.
- Radiographic films interpretation and attending NDE activities.
- Follow up and witness hydrostatic and pneumatic tests.
- Check that low hydrogen electrodes maintained in appropriate temperature.
- Check fit up & preheats according to WPS.
- Inspect tack welds, root pass & inter pass cleaning.
- Visual inspection of complete weld after cleaning.
- Dimensional check after welding.
- Execute or witness the NDT's required as per ITP.
- Identifying welding repair and check for soundness of weld after welding.
- Perform final inspection.
- Prepare required reports & signing quality plans for final documentation.

**Dates** : From Feb. 2010 till Aug. 2010  
**Employer** : VSA (AL JABER Co.)  
**Project** : Pearl GTL Project - C8 ETP – Qatar  
**Job title** : Test Package QA/QC Engineer  
**Job Description** : Prepare required reports & signing quality plans for final documentation.

**Dates** : From Oct. 2008 till Feb. 2010  
**Employer** : DSD Ferrometalco  
**Project** : EI-Tebbin Thermal Power Plant  
(Steam Generators & Auxiliaries, 2x350MW)  
**Job title** : QC Engineer  
**Job Description** :

- Inspection of boiler pressure part erection as per ASME I.
- Inspection of boiler power piping as per ASME B 31.1.
- Ensure that QA/QC activities are carried out according to contract, Specification, Codes, Standards and Approved Procedures.
- Monitoring and supervision of welding procedures qualification for different material as per ASME IX.
- Witness of welder qualification tests and certificate approval as per ASME IX.
- Radiographic films interpretation and attending NDE activities.
- Follow up and witness hydrostatic and pneumatic tests.
- Check fit up & preheats according to WPS.

- Check that low hydrogen electrodes maintained in appropriate temperature.
- Inspect tack welds, root pass & inter pass cleaning.
- Visual inspection of complete weld after cleaning.
- Dimensional check after welding.
- Execute or witness the NDT's required as per ITP.
- Identifying welding repair and check for soundness of weld after welding.
- Perform final inspection.
- Prepare required reports & signing quality plans for final documentation.

**Dates** : From Jul. 2007 till Oct. 2008  
**Employer** : SGS Group  
**Job Description** : Quality Control Engineer on the projects of the DSD Ferrometalco Workshop Belbies (The German DSD Steel Group GmbH).

**Field of experience** :

- Preparation project Quality Control procedures / work instruction, ITP (Inspection Test Plans) according to project / client requirements and follow up for its approval and monitor the implementation.
- Perform internal and external inspections on equipment at scheduled intervals to maintain the mechanical integrity of the fixed equipment of the refinery.
- Ability to assist in scheduling of activities related to inspection.
- Prepare repair procedures for materials P1, 3, 4, 5A and 15E and following the procedure in the site by welding and NDE supervision.
- Working according to ASME code sec I, V, IX and B 31.1.
- Applying welders test and issue the welder certificate.
- Review drawings and applicable documentation of the project.
- Check applied code and ITP of the project.
- Prepare all QC documents related to the daily schedule.
- Checking fit up of the joint before start welding operation as per the detailed drawing (root gap, bevel angle, surface mismatch).
- Check welding (WPS – equipments, quality of base and filler materials to be used, joint cleanliness and preheat when required).
- Good ability to make dimensional inspection for piping, plate work and steel structure items according to applied drawings and client specs.
- Check finished weld appearance, final weld size and weld length.
- Applying visual inspection of joints after welding.
- Prepare required inspection reports.
- Evaluation and interpret results of submitted test reports for various basic NDT methods such MT, PT, RT & UT.
- Controlling PWHT activities and review charts.
- Prepare & review hydro test package.