

Holds a B. Sc. in Metallurgical Engineering and a Diploma of Higher Studies in "Welding Engineering".  
Has over 15 years of experience in QA/QC activities.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/06/1978  
Gender : Male  
Marital Status : Married  
Residence : New Cairo

## EDUCATION

- : B. Sc. in Metallurgical Engineering, Cairo University, 2003
- : Diploma of Higher Studies in "Welding Engineering", Tabbin Institute for Metallurgical Studies (TIMS), 2010
- : Master of "Welding Engineering", Tabbin Institute for Metallurgical Studies (TIMS) (Under Processing)

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

- : Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : CWI: Certified Welding Inspector, Certificate No. 713325.
- : IWE: International Welding Engineer, Certificate No. IWE AT 0485.
- : API 570 Piping Inspector, Certificate No.68942.
- : Lead Auditor ISO9001:2015.
- : PMP Pre. Course (Dec. 2017).
- : Non Destructive tests according to the American Society for Non-Destructive Testing (ASNT TC-1A) in:
  - Level II in magnetic particles test (MT).
  - Level II in Penetrant liquid test (PT).
  - Level II in Radiographic test (RT).
  - Good background in Ultrasonic test (UT) and Level II under processing.

- : Training in University of Stuttgart in Germany (Sep./Oct. 2008) at newest and biggest machines in the worlds in the mechanicals fields like:
  - Mechanicals labs: Tensile Test (biggest tensile machine in the world (10,000 ton), fatigue tests and impact tests.
  - High Temperature testing (Creep test).
  - Stress Analysis by strain gages.
  - Metallographic and Microscopy labs.
  - Welding (spot, laser and fraction welding).
  - High speed compression.
  - Sealing technology.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2019 till now  
**Employer** : TUV Rheinland, Egypt  
**Project** : Agiba Fagour-Meliha Pipeline 10", Western Desert  
**Job title** : Senior QA/QC Engineer (TPI)

**Dates** : From Feb. 2018 till Jun. 2019  
**Employer** : DNV.GL - Oil & Gas, Egypt  
**Project** : Egyptian Refining Company (ERC), Mostorod  
**Job title** : Senior Piping Inspection Engineer (TPI)

**Dates** : From Jun. 2017 till Jan. 2018  
**Employer** : Basil Read, South Africa  
**Project** : ST. Helena Airport Project, ST. Helena Island, UK  
**Job title** : Supervisor QA/QC Engineer

**Dates** : From May 2016 till Jun. 2017  
**Employer** : GS E&C  
**Project** : ERC Refinery Project  
**Job title** : Supervisor QA/QC Piping Engineer

**Dates** : From Jan. 2013 till Apr. 2016  
**Employer** : Petrosila Company  
**Project** : Abo-Talb Station (New Construction, Tanks, Piping, pipe lines) in El-Fayoum  
**Job title** : Senior QA/QC Engineer

**Dates** : From Sep. 2009 till Dec. 2012  
**Employer** : Suez Oil Company (Suco)  
**Project** : Zeit Bay Field  
**Job title** : QC Piping Engineer

**Dates** : From Aug. 2006 till Sep. 2009  
**Employer** : German University in Cairo (GUC)

**Job title** : QC & Lab Engineer & Practical Lecturer

**Dates** : From Dec. 2004 till Aug. 2006

**Employer** : Metallurgy & Mining Studies Research Center (MSRC), Faculty of Engineering, Cairo University

**Project** : Materials Selections, DT, NDT, Failures Analyses

**Job title** : QC & Lab. Engineer

**Field of experience** :

- Wide experience in pre-commissioning & commissioning activities.
- Responsible for the overall Quality control of all the construction activities at the field.
- Review Welding Procedure Specifications and Procedure Qualification Record (WPS & PQR) according To various codes like ASME, API.
- Develop welding techniques, procedures, and application of welding equipment to problems involving fabrication of metals.
- Utilizing knowledge of production specifications, properties and characteristics of metals and metal alloys, and engineering principles.
- Conduct research and development investigations to develop and test new fabrication processes and procedures.
- Review all welding activities as preheat, PWHT, interpass temperature, repair.
- Apply Inspection on various Welding Consumables (Electrodes, Special Drying for Electrodes, Filler Wires Fluxes, Shielding And Backing Gases) according to ASME II Sec. C or other various standards.
- Apply all calibration on all welding tools and equipment to ensure its readily for use.
- Prepare technical reports as result of research and development and preventive maintenance investigations.
- Establish welding procedures to guide production and welding personnel relating to specification restrictions, material processes, pre- and post-heating requirements which involve use of complex alloys.
- Evaluate new developments in welding field for possible application to current welding problems or production processes.
- Witness on all WQT for all processes.
- Contact personnel of other agencies, engineering personnel, or clients to exchange ideas, information, or offer technical advice concerning welding matters.
- Strong knowledge for all ARC processes SMAW, GTAW, GMAW, FCAW and SAW.
- Representing the Client during kick-off / pre-inspection meetings.
- Audits at location during qualification or production phase of the project.
- Troubleshooting during the project on welding, material and NDE issues.
- Managing the welding scope during the operational phase of the project.
- Assist the Inspection Section Head to prepare long and short-term inspection Business Plans and Budgets.
- Make Punch list for the pre-commissioning stage.
- RT films interpretation.
- Applying MT & PT methods for detecting any defect.
- Carry out and supervise the engineering and mechanical drawings.
- Supervise the installation of different type of pipes.

- Supervise the installation of pipelines, piping and steel structures.
- Piping fabrication spool preparation.
- Piping pre-fabrication workshop supervision.
- Piping inspection according to the specified codes & standards.
- Material take off.
- Make sure that all materials used comply with the approved Material Request.
- Confirm that the Contractor's personnel are using the latest edition of the approved shop drawings as per the project master index.
- Communicate between other discipline (inst., process, civil...).
- Identify spare parts requirements.