

Holds a B. Sc. in Metallurgical Engineering and has about 11 years hands-on experience in developing welding techniques, procedures and application of welding equipment to problems involving fabrication of metals. Establishing welding procedures relating to specification restrictions, material processes, pre- and post-heating requirements involving the use of complex alloys, unusual fabrication methods, welding of critical joints and complex post heating requirements. Skilled in directing/coordinating technical personnel in performing inspections to ensure compliance with established welding procedures and standards.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 09/06/1984  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Metallurgical Engineering, Cairo University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: CAD

## **TRAINING COURSES AND CERTIFICATIONS**

: Preperation for Cerified Aboveground Storage Tanks Inspector API 653 (2013).  
: Certified Piping Inspector API 570 (Cert. No 39991).  
: Shell Flawless Start-up Initiative Course (2010).  
: Safety Course OSHA General & Construction (2010).  
: Certified Welding Inspector CSWIP 3.1 (Cert. No 35028, Exp. Jul. 2018).  
: International Welding Engineer (IWE) Diploma (Cert. No IWE AT 0460) (2007).  
: ASNT NDT Level II (RT-UT-MT-PT).  
: Applied Welding Technology Course, Egyptian Welding Academy powered by (TWI) (2005).

- : Internal Auditor ISO 9001.
- : Safety courses (from May till Jul. 2010):
  - Working at height.
  - Hazard Identification.
  - Non-destructive test.
  - Managing pressure & leak test.
- : Preparation course for international welding engineer from SZA (Austria), CMRDI (Egypt) (from Mar. till Jul. 2007).
- : Theoretical and practical course for welding (Jul./Aug. 2005).
- : Practical training course for destructive test Tensile test, bend test, impact test, microstructure test, hardness test, chemical test (Jul./Aug. 2004).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2017 till now  
**Employer** : SIEMENS  
**Project** : Burullus 4800MW Combined Cycle Power, Egypt  
**Job title** : Piping Engineer  
**Job Description** :
 

- Ensure all disciplines are being compliance to the expected codes & Project specification.
- Follow the closing of mechanical punch list.
- Control QA/QC plans for all disciplines.
- Ensure all quality control documentation is compiled and completed for hand over.
- Follow up all welding activity (welding map review. welders and welding consumables ...etc.).
- Prepare hydro. Test package and review (P&ID and DWG).

**Dates** : From Apr. 2016 till Apr. 2017  
**Employer** : Egypt Industries Company (EIC)  
**Project** : Beni Suef 4800MW Combined Cycle Power, Egypt  
**Job title** : Site Manager  
**Job Description** :
 

- EIC is responsible for installation of over head cranes in gas turbine buildings.
- Preparation method of statement, progress plan, man power, control the cash flow and invoice.
- Installation of rail, pre assembly for crane girder and lifting the cranes then final load & function test.
- Control QA/QC plans for all disciplines.
- Ensure all quality control documentation is compiled and completed for hand over.

**Dates** : From Nov. 2013 till Mar. 2016  
**Employer** : ANDRITZ Hydro  
**Project** : New Assiut Barrage and Hydropower Plant, Egypt  
**Job title** : Manufacture Supervisor  
**Job Description** :
 

- Client Represent during fabrication Hydraulic Steel Structure.
- Follow up workshop status, Scheduling and make progress report.

- Expediting of outsourced parts from the manufacturer in respect to time and quality.
- Technical assistance through all manufacturing processes.
- Control QA/QC plans for all disciplines.
- Ensure all quality control documentation is compiled and completed for hand over.

**Dates** : From 2013 till now

**Employer** : Weldworx, Egypt

**Job title** : Owner

**Job Description** :

- I build up my company since 2013 to be Service Company.
- Manpower supply (Engineering, Project Manager, Planer, Commissioning, QA/QC Engineer, Supervisors).
- Consulting: Arrange consulting service for different disciplines.
- Supply: Material supply in Egypt.
- Contracting: Fabrication and installation of steel structure, tanks & Piping.
- NDT & post weld heat treatment service.

**Dates** : From Apr. 2013 till Sep. 2013

**Employer** : ABB (Global Leader in Power and Automation Technologies)

**Project** : Dohuk II Gas Power Station Unit 5-8, Kurdistan – Iraq

**Job title** : Piping / Mechanical Construction Lead Engineer

**Job Description** :

- Construction of 4 units Gas turbine GE (9E) 125MW for each.
- Construction/Pre-Commissioning plans for all Mechanical/Piping activities (Air intake, Exhaust, piping, air blowing, pressure test, CCW flushing, Lube oil flushing, fuel gas piping air blowing and leak test, liquid fuel piping flushing and reinstatement for all systems and line-up to be ready for first fire.
- Ensure all disciplines are being compliance to the expected codes & Project specification.
- Follow the closing of mechanical punch list.
- Ensure all quality control documentation is compiled and completed for hand over.

**Dates** : From Feb. 2011 till Apr. 2013

**Employer** : Roots Steel System, Egypt

**Project** : Roots Steel System Plant, Egypt (Construction of PEB Fabrication Plant)

**Job title** : QA/QC Head (Owner Representative)

**Job Description** :

- Owner Represent during Construction of RSS PEB Fabrication Plant.
- Assist Project Manager for value engineer in civil, mechanical and electrical package.
- Choose and evaluate the subcontractor's.
- QC/QA Head during manufacturing sector.

**Dates** : From Oct. 2010 till Feb. 2011

**Employer** : Roots Steel System, Syria

- Projects** : • King Saud Bin Abdel Aziz University, KSA – Dar Al-Handasah (Fabrication of Academic Steel Buildings)  
• HAMSHO Steel Mill, Syria (Fabrication of Steel Structures)
- Job title** : Senior QA/QC Welding Engineer
- Job Description** : • Participating in the Establishment of Quality Management system (QMS) in accordance to ISO 9001 standard requirements.  
• Improved production with quality level.  
• Training of staff to achieve high quality level.
- Dates** : From Mar. 2010 till Oct. 2010
- Employer** : Aljaber Group, Qatar
- Project** : Pearl GTL – Shell/Qatar Petroleum (Construction of the Effluent Treatment Plant)
- Job title** : QA/QC Engineer
- Job Description** : • Help the QC team and production team to achieve project schedule.  
• Prepare punch list and as built drawing.  
• Make walk down and witness Pressure test.  
• Flawless Start-up Initiative Coordinator.
- Dates** : From Aug. 2006 till Mar. 2010
- Employer** : DSD Ferrometalco, Egypt
- Projects** : • El-Tebbin Thermal Power Plant 2x350MW – Ansaldo Caldaie (Construction of 2 Steam Generators)  
• EBIC KAAP Ammonia Plant Project – KBR (Erection of 5 Water Tanks and 2 Ammonia Tanks)  
• Nubaria Power Plant (Installation of HRSG boiler)  
• Zafarana Wind Farms – Gamesa Eolica (Manufacturing and Erection of Steel Towers)  
• Shuaiba Power Plant 900MW – Ansaldo Caldaie (Fabrication of Gas and Air Ducts)  
• Yansab Plant – Technip (Fabrication of Plant Steel Structures)  
• ARAMCO Khursaniyah Gas Plant – Bechtel & Technip (Fabrication of Steel Structures)  
• Sardinia Radio Telescope – MAN-Technology (Fabrication of Structural and Mechanical Steel)
- Job title** : Welding Engineer
- Job Description** : • Preparation and review of welding documents (welding map, PQR, WPS, welding matrix, welders' certifications, filler control, heat treatment, and welding repair procedures) according to AWS, ASME, API and EN Codes.  
• Welding control at site (distribution and control of welders, welder progress, welding progress control).  
• Attend project weekly meeting for production, quality and time schedule to ensure milestone dates.
- Further experiences** : Private Sector Activities (2011-2013):  
Inspection/Integrity Engineer for Germanischer Lloyds – Noble Denton as Freelancer in the following projects:  
• Amreya Petroleum Refining Company (APRC): Major Shutdown Phase II and upgrading Phenol Extraction Unit (PEU) to N-Methyl-2 Pyrrolidine

(NMP) solvent - Alexandria, Egypt (Jan. 2011).

- Amreya Petroleum Refining Company (APRC): Major Shutdown Phase III and upgrading phenol extraction unit (PEU) to N-Methyl-2 Pyrrolidine (NMP) solvent - Alexandria, Egypt (Mar. 2013).

Monitoring & control the equipment Integrity, and assuring that they are safe to operate until the next scheduled inspection.