

Holds a B. Sc. in Industrial Engineering and has over 3 years hands-on experience, including 1 year working in QA/QC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1992
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Industrial Engineering, Helwan University
: Computer department at Galal Fahmy High Technical School (5 years system)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Solid Works, AutoCAD
: Tomo view & ESbeam apps

TRAINING COURSES AND CERTIFICATIONS

: Certified Welding Inspector (No.17073551).
: Non-destructive test five methods (VT-PT-MT-RT-UT) from Cairo Inspection Company (CIC) Egypt (36 days): ASNT-NDT Level II in "Phased Array, RT, UT, MT, PT and VT" in accordance to the American society of non-destructive testing SNT-TC-1A.
: Production course at "ZMC" factory at the 10th of Ramadan "Zanussi Manufacturing Co." (2014 for 26 days).
: Lean & Six sigma workshop at Fugineer activity at Helwan University (2013 for 36 hrs).
: Production course at the Arab Contractors Company (2013 for 25 days).
: C++ course at Faculty of Engineering - Helwan University (2012 for 15 hrs).
: Production engineering at Faculty of Engineering - Helwan University (Summer Training) (2012 for 21 days).
: English course level 12.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2017 till now
- Employer** : IREM s.p.a
- Project** : El-Burulus Combined Cycle Power Plant
- Job title** : QA/QC Engineer
- Job Description** :
- Responsible for all the activities that done on welding in module 2 of the power plant by supervision on 2 sub-contractors.
 - Before welding:
 - Safety:
 - Ensure that all operations are carried out in complete compliance with local, company, or national safety legislation.
 - Documentation.
 - Check and review specification, Drawing, welding procedure specification and welder approval.
 - Validate certificate of calibration (welding equipment & inspection instrument).
 - Check material and consumable certification.
 - Welding process, ancillaries and incoming Consumable:
 - Check welding process, equipment and all related ancillaries (cable, regulator, oven, etc.).
 - Incoming Consumables:
 - Check pipe / plate and welding consumable for size, condition, specification & storage.
 - Marking out preparation & set up >>> check the:
 - Correct method of cutting weld preparation (pre-heat for thermal cutting if applicable).
 - Correct preparation (Relevant bevel angles, root face, root gap, root radius, land etc.).
 - Check pre-welding distortion control (Tackling, bridging, jigs, line up clamp, etc.).
 - Correct level & method of pre-heat applied prior to tack welding.
 - All tack welding to be monitored and inspected.
 - During welding >>> monitor:
 - Pre-heat values (Heating method, location and control method).
 - In-process distortion control (Sequence or balanced welding).
 - Welding process and all related variable parameter (Voltage, ampere, travel speed, etc.).
 - Welding and/or purging gasses (Type, pressure/flow and control method).
 - Welding conditions for root run / hot pass and all subsequent run, and inter-run cleaning.
 - Minimum and/or maximum inter-pass temperatures (Temperature and control method).
 - Check Compliance with all other variables stated on the approved welding procedure.
 - After welding:
 - Carry out visual inspection of the welded joint (including dimensional aspect).
 - Check and monitor NDT requirement (Method, qualification of

- operator, execution).
- Identify repairs from assessment of visual or NDT reports.
- Post Weld Heat Treatment (PWHT) (Heating method and temperature recording system).
- Re-inspect with NDT/NDE after PWHT (if applicable).
- Hydrostatic test procedure.
- Repairs:
 - Excavation procedure (approval and execution).
 - Approval of the NDT procedures (For assessment of complete defect removal).
 - Repair procedure (approval of re-welding procedures and welder approval).
 - Execution of approved re-welding procedure (Compliance with repair procedure).
 - Re-inspect the repair area with visual inspection and approved NDT method.

Dates	:	From Jun. 2016 till May 2017
Employer	:	Cairo Inspection Company (CIC)
Job title	:	QC Inspector
Job Description	:	<ul style="list-style-type: none"> • NDE Inspector. • Phased Array Engineer (Specialist). • Calibration, operation of AUT. • Practical assistant of Ivl III instructor & AI (Eng. Ibrahim El Desoki). • Dealing with standards & codes as ASME. • Supervised for technicians in the station. • Reviewing and witnessing hydro test. • Reviewing NDT Procedure and ensuring the NDE carried out as per approved procedure. • Prepare required inspection reports. • Review drawings and applicable documentation. • Performing hardness test. • Review wps, welders and material certificates on ASME code. • Third Party Inspector (VT & UT & Phased Array) with (Petrojet & Arab Contractor's & Orascom Co.) in Port Said East Port Project. • Third Party Inspector (Phased Array) with (Siemens & Orascom & Hicc & Leeds & Mega & Energya & Arcons Co.) in El-Burulus Combined Cycle Power Plant. • Third Party Inspector (Phased Array) with (Siemens & Orascom & Paratino & EME & GMU Co.) in the New Capital Combined Cycle Power Plant. • Third Party Inspector (Phased Array) with (Siemens & PSP & PSC & Mariout Co.) in Beni Suef Combined Cycle Power Plant. • Third Party Inspector (Phased Array) with (GE & Orascom Co.) in West Damietta Combined Cycle Power Plant. • Third Party Inspector (Phased Array) with (Mega & Siac Co.) in South Helwan Combined Cycle Power Plant. • Third Party Inspector (Phased Array) with PSP Co. in the gas power plant (Suez Gas Power Plant). • Third Party Inspector (VT & Phased Array) in Gas Production Plant in 10th of Ramadan City (Elkhalig Project).

- Third Party Inspector (VT & UT & Phased Array) in Chevron oil tank in 6th of October City (Ethad project).
- Act as AI "witness & review drawings, papers, certification and plan" with (Kahromica & Elnor Co.) in Ismailia El-Shabab Combined Cycle Power Plant.
- In service Projects:
 - Third Party Inspector (UT & PT & VT & Dimensions) on Knock out drum recertification in Ras Shokir site (GUPCO project).
 - AI "witness & review papers, certification and plan" on pressure vessel hydro test with (GUPCO Co.) in Ras Shokir site (GUPCO project).
 - Third Party Inspector (UT & PT & MT) in power plant shutdown (Nubaria Power Plant).
- Approvals:
 - Siemens approved Phased Array Inspector in El-Burulus, New Capital and Beni Suef combined cycle power plant projects.
 - Pjesco approved Phased Array Inspector in South Helwan combined cycle power plant.
- ASME Review:
 - Project: ASME Qualification and Certification.
 - Client: Siemens New Capital Power Plant.
 - Manufacturer: EME "Elkrom".
 - Year: 2016.
 - Position: Material Engineer.

Dates : From Jun. 2015 till Oct. 2015
Employer : Ecco
Project : Vodafone 888 Project
Job title : Customer Care Representative

Dates : From Jun. 2014 till Oct. 2014
Employer : TEData
Job title : Technical Support

Dates : From Jul. 2008 till Nov. 2011 (before graduation)
Employer : Elbahr
Job title : Assistant to Electrical Technician

Further experiences : Quality & Development Member at STP Cairo University "non-profit organization" (from Jun. 2014 till Jun. 2015):

- Help in organizing and directing the first Egyptian solar race event.
- Monitoring and evaluating the flow of processes smoothly in all committees, Projects and Events.
- Troubleshooting throughout events, w/s and sessions.
- Tracking the major causes of defects and brainstorming to eliminate them.
- Enriching STP's database by the methods of documentation and analysis.
- Try to limit or avoid the waste in every process step do.

- Standardizing the tracks.
- Provide a healthy environment for STPers to work, and eliminating any causes of distraction.